

Appendix N Sensitive Noise Receptor and Barrier Locations

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THE HIGH DESERT CORRIDOR PROJECT

FROM STATE ROUTE 14 (PM 42.4) IN LOS ANGELES COUNTY
TO STATE ROUTE 18 (PM 84.4R) IN SAN BERNARDINO COUNTY, CALIFORNIA
EA-26000 (07120000035)

LEGEND



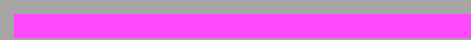
10 MINUTE NOISE SITE



24 HOURS NOISE SITE



MODELED SITE



PRIVATE WALL



PROPOSED SOUNDWALL (SW)



EXISTING SOUNDWALL (SW)



EXISTING SOUNDWALL (SW) TO BE REMOVED

Leq

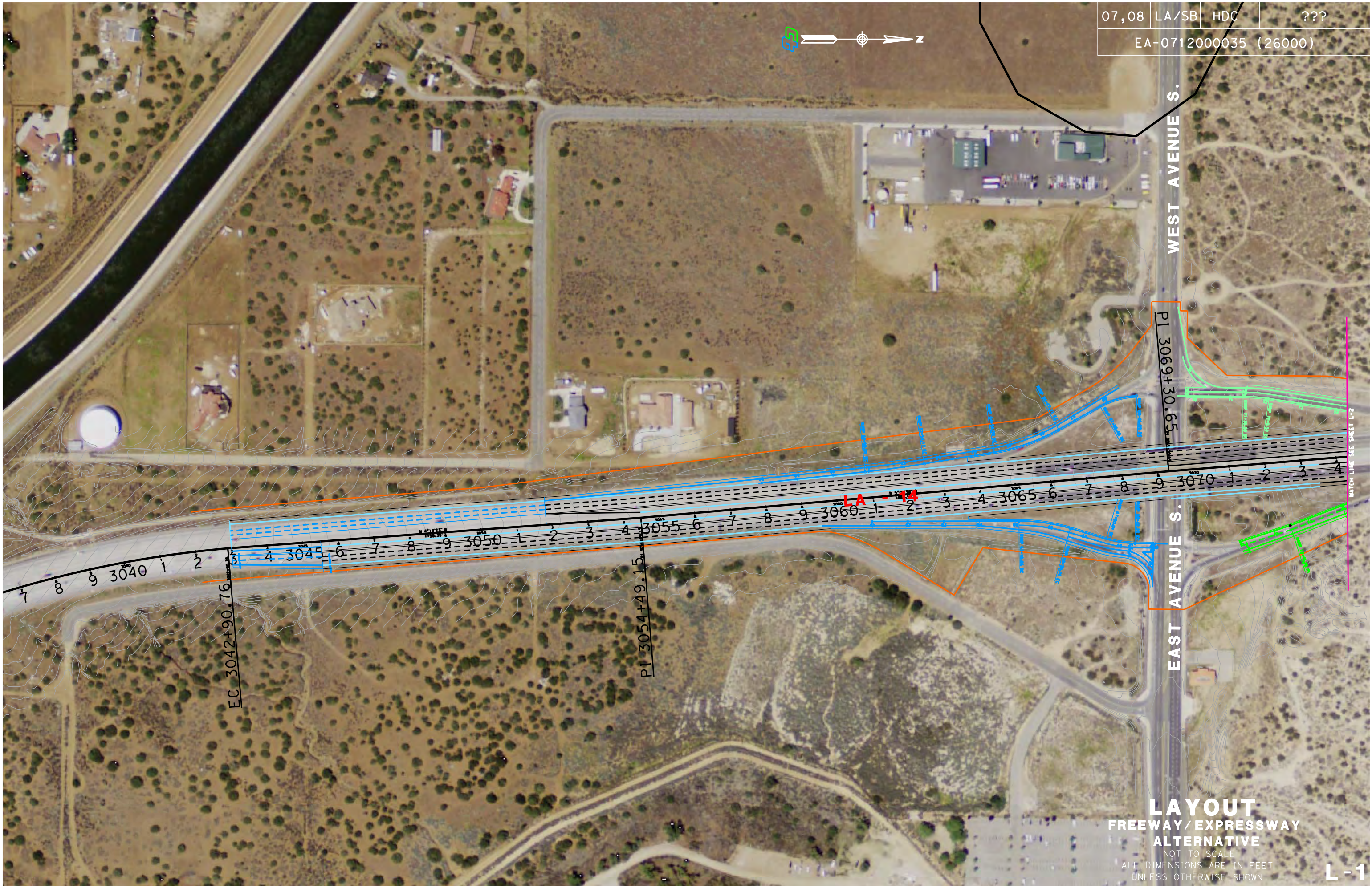
EXISTING WORST-HOUR NOISE LEVEL (MAIN OR VARIATION)

Leq

FUTURE WORST-HOUR NOISE LEVEL (MAIN OR VARIATION)

FMNL

FIELD MEASUREMENT NOISE LEVEL



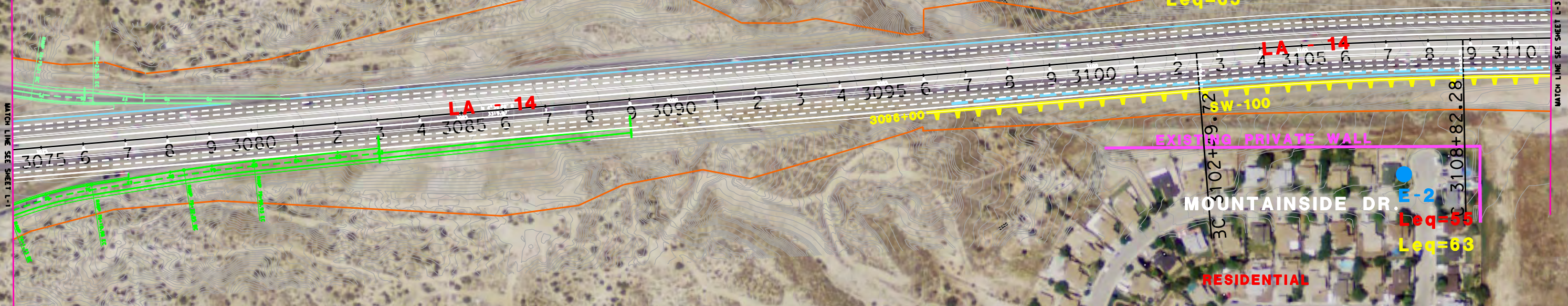
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN



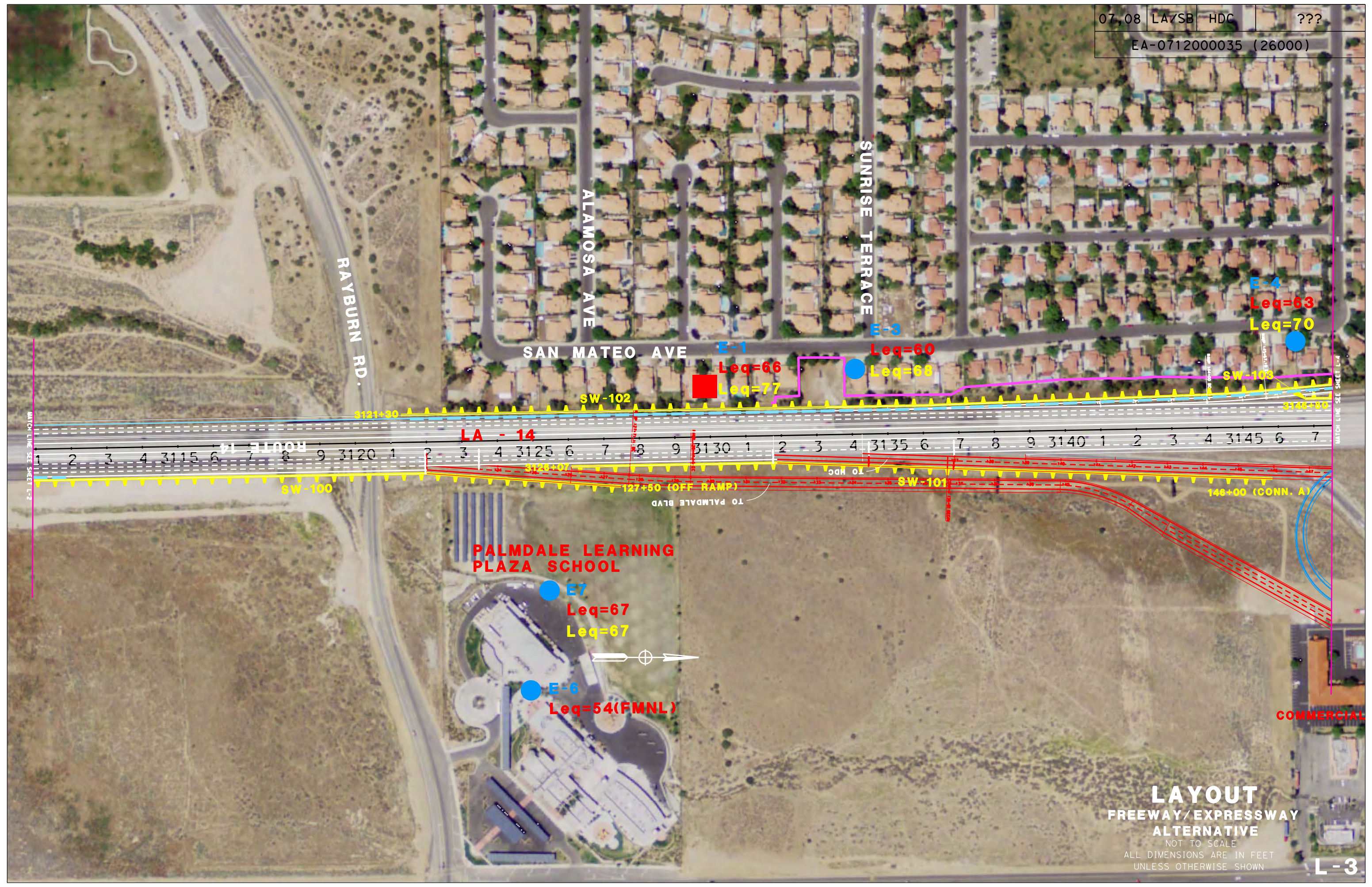
PELONA VISTA PARK

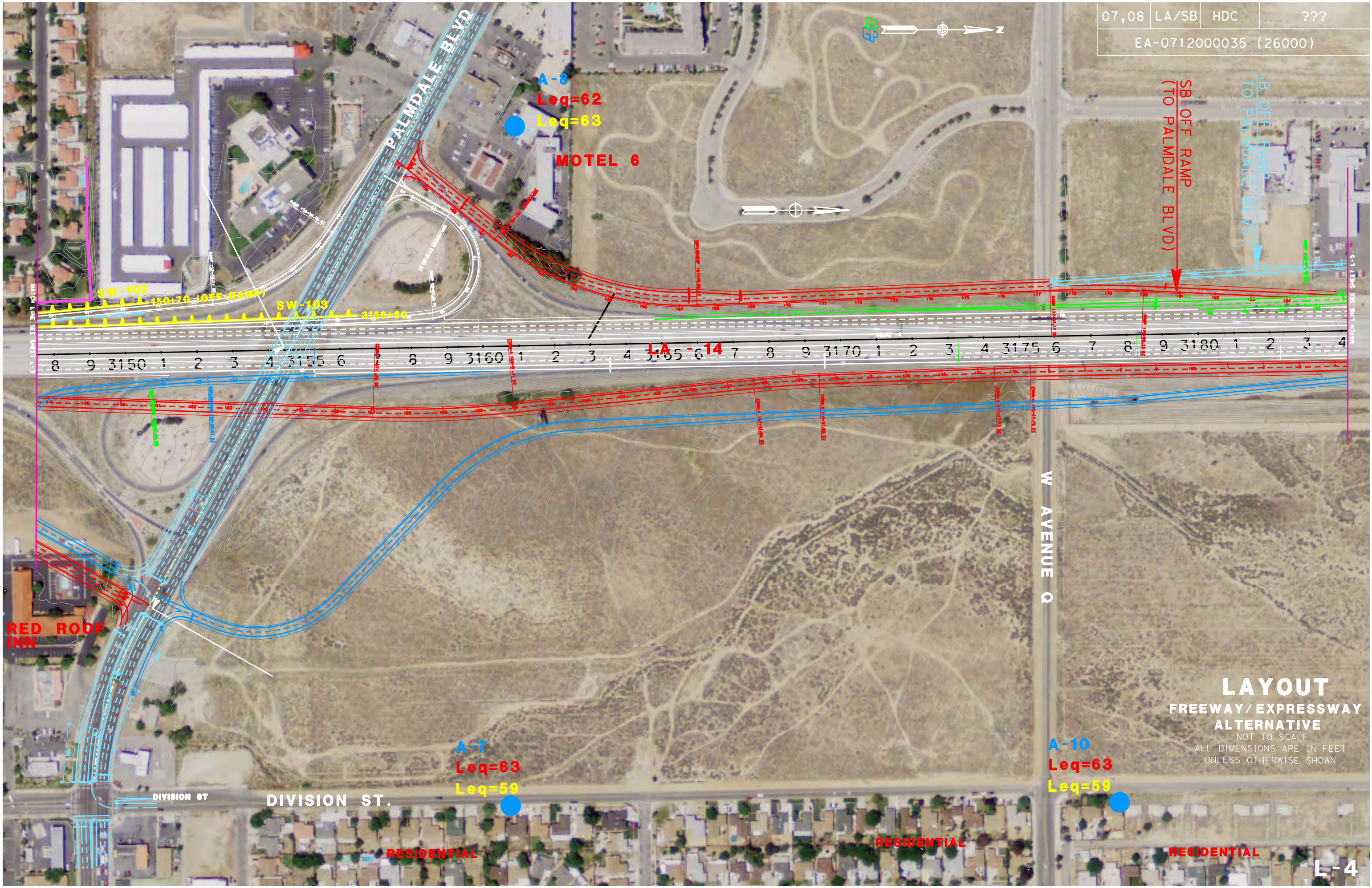
P-2
Leq=57
Leq=60

P-1
Leq=62
Leq=65



LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN





LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN



LAYOUT
FREWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN



LAYOUT
FREWAY/EXPRESSWAY
ALTERNATIVE
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15TH ST. W

W AVE. N-8

W AVE. N-4



MATCH LINE SEE SHEET L-8

MATCH LINE SEE SHEET L-10

ME5-2
Leq=63
Leq=65

ME5-3
Leq=59
Leq=62

ME5-4
Leq=61
Leq=63

E-5
Leq=63
Leq=65

13TH ST. W

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

RESIDENTIAL

LA - 14

E-9
Leq=56
Leq=62

ME9
Leq=58
Leq=61

RESIDENTIAL

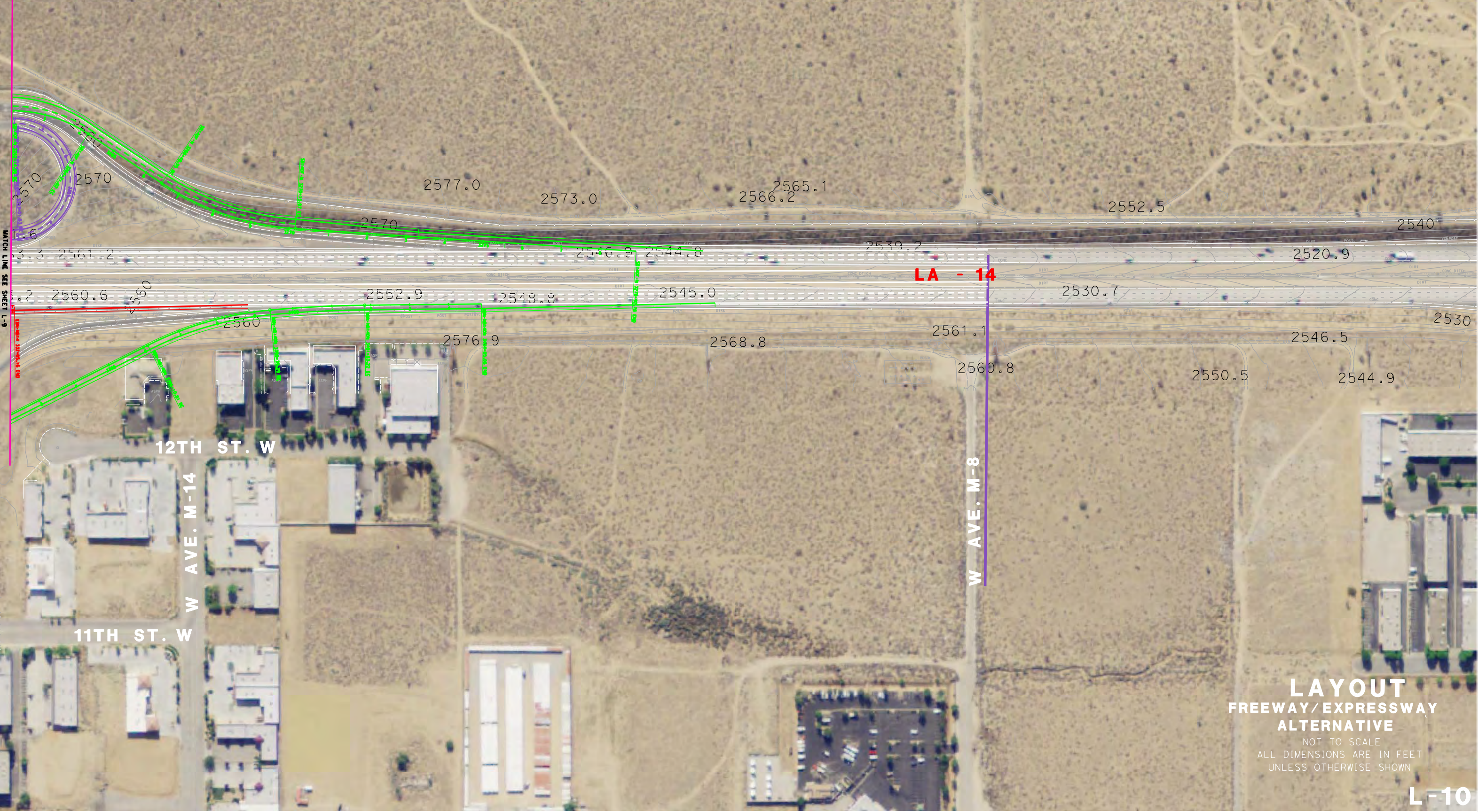
RESIDENTIAL

12TH ST. W

RESIDENTIAL

11TH ST. W

LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
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**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

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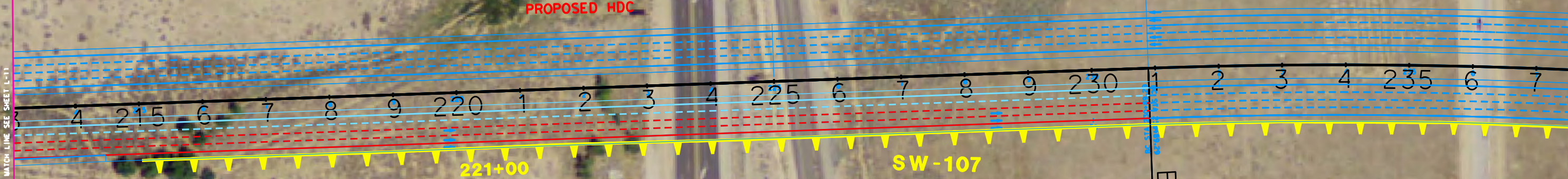
8TH ST E

SIERRA HWY

PROPOSED HDC

WATCH LINE SEE SHEET L-11

WATCH LINE SEE SHEET L-13



AVE P-8

221+00

SW-107

BC STA 230+89.29

B-5
Leq=48 (FMNL)
Leq=66

LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

NOT TO SCALE
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UNLESS OTHERWISE SHOWN



8TH ST E

SIERRA HWY

PROPOSED HDC

WATCH LINE SEE SHEET L-11

WATCH LINE SEE SHEET L-13

219+00

SW-107

AVE P-8

B-5
Leq=48 (FMNL)
Leq=67

**VARIATION A
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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10TH ST EAST

RESIDENTIAL

B0

Leq=49 (FMNL)

Leq=68

E AVE P5

BMO

Leq=49 (MODELED)

Leq=68

SW-109

242+00

SW-107

249+00

PROPOSED HDC

EC STA
242+09.08

E AVE P-8

COMMERCIAL

COMMERCIAL

COMMERCIAL

AVE P-8 30+31.63 PI

LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN



10TH ST EAST

RESIDENTIAL

B0

Leq=49 (FMNL)

Leq=71

E AVE P5

BMO

Leq=49 (MODELED)

Leq=71

241+00

SW-109

SW-107

245+00

249+00

PROPOSED HDC

COMMERCIAL

E AVE P-8

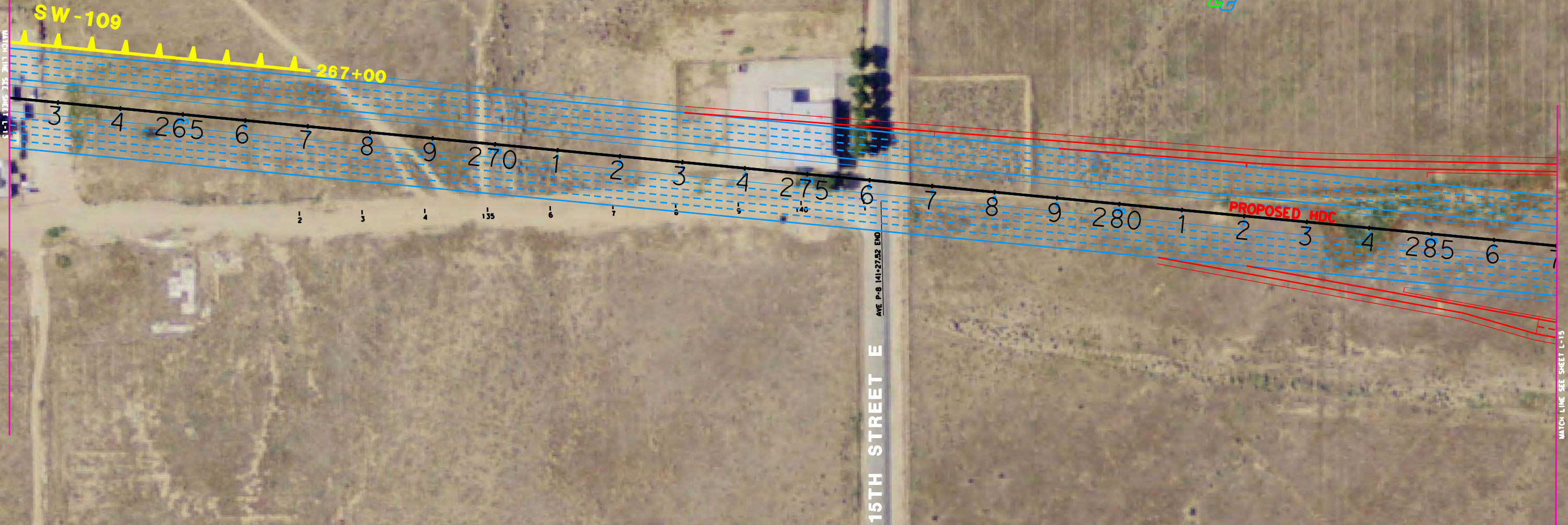
COMMERCIAL

COMMERCIAL

VARIATION A
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

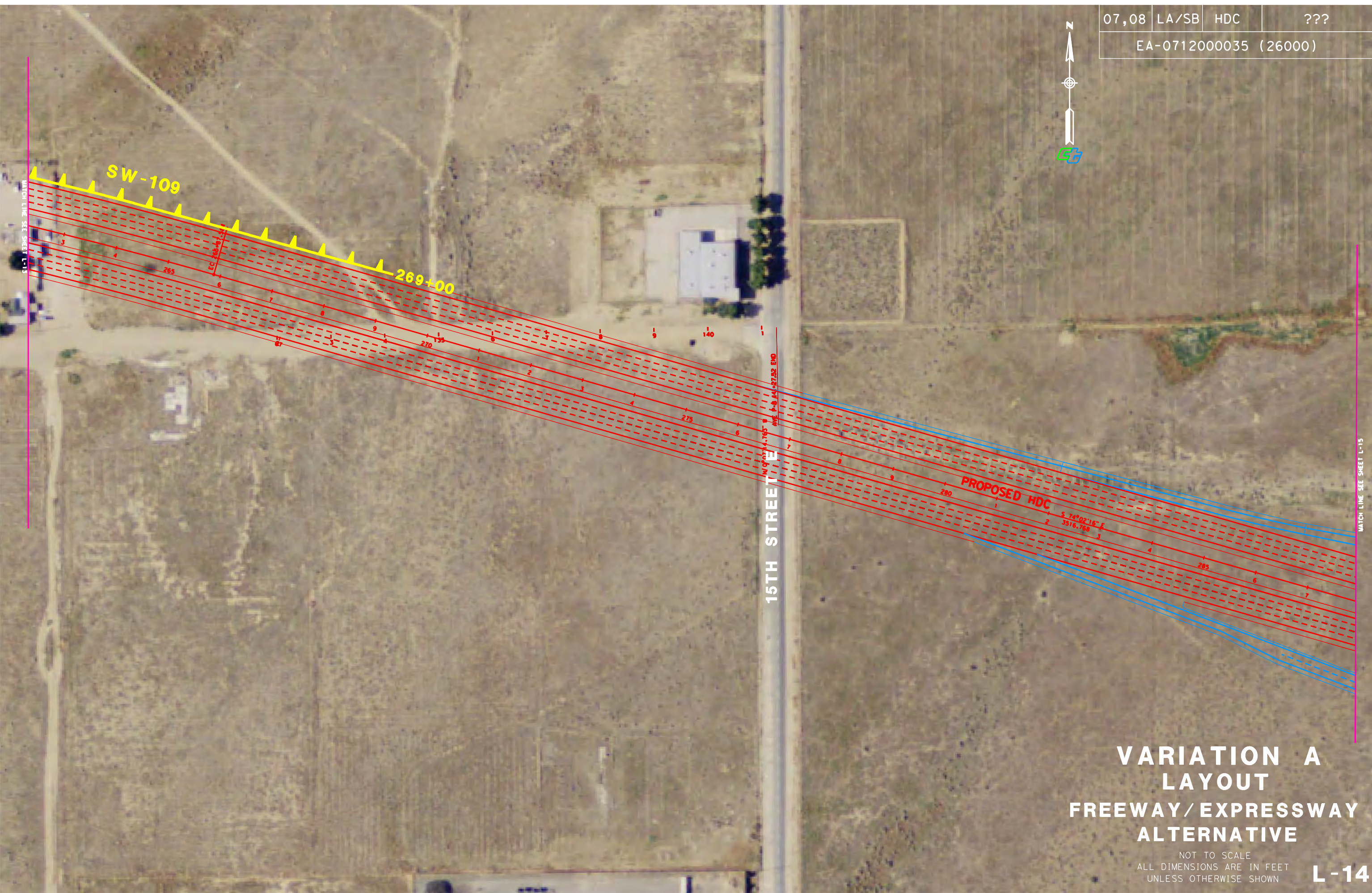
NOT TO SCALE
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07,08	LA/SB	HDC	???
EA-0712000035 (26000)			



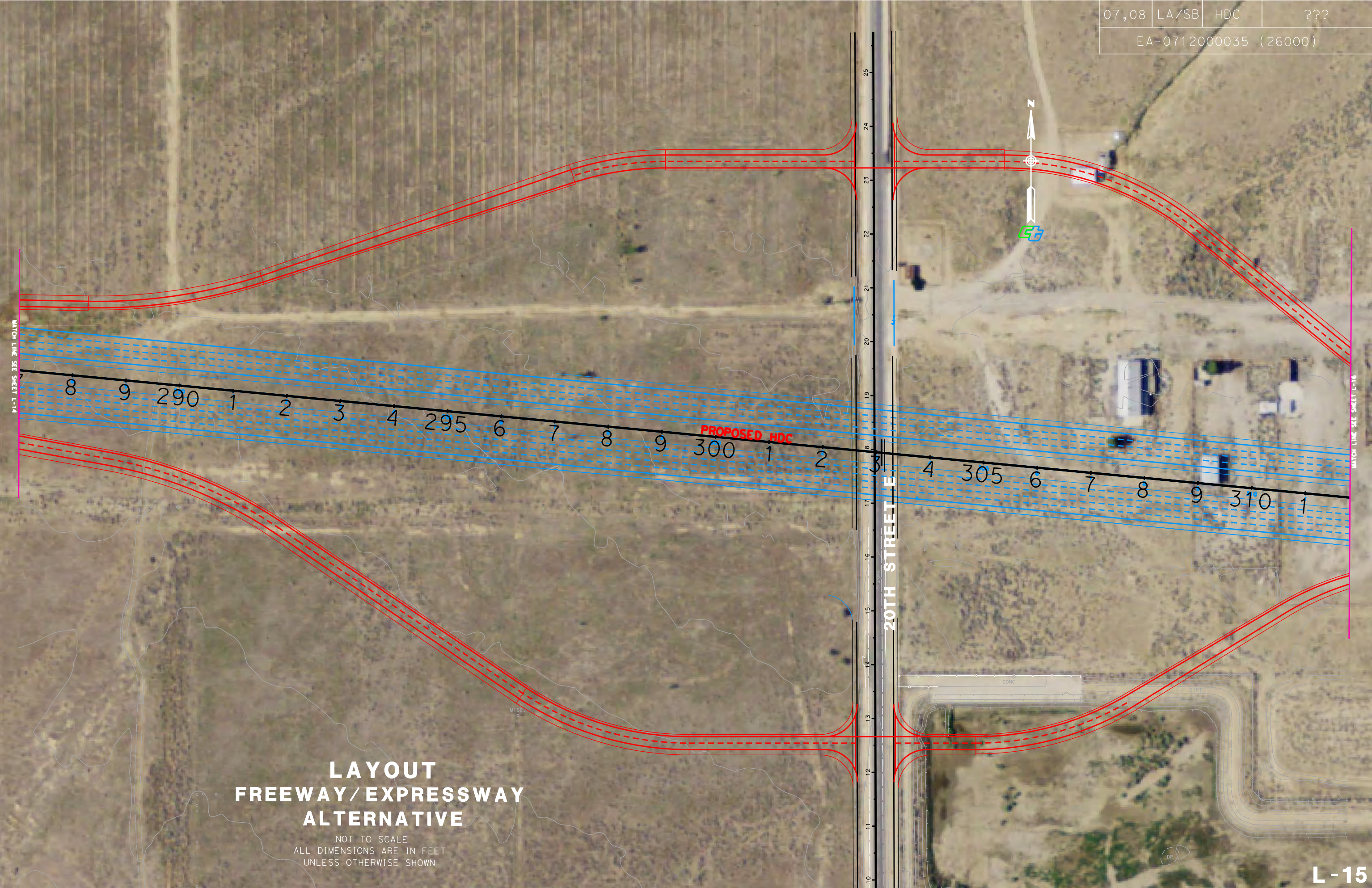
**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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VARIATION A LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

NOT TO SCALE
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**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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UNLESS OTHERWISE SHOWN

MATCH LINE SEE SHEET L-14

MATCH LINE SEE SHEET L-16



PROPOSED HDC

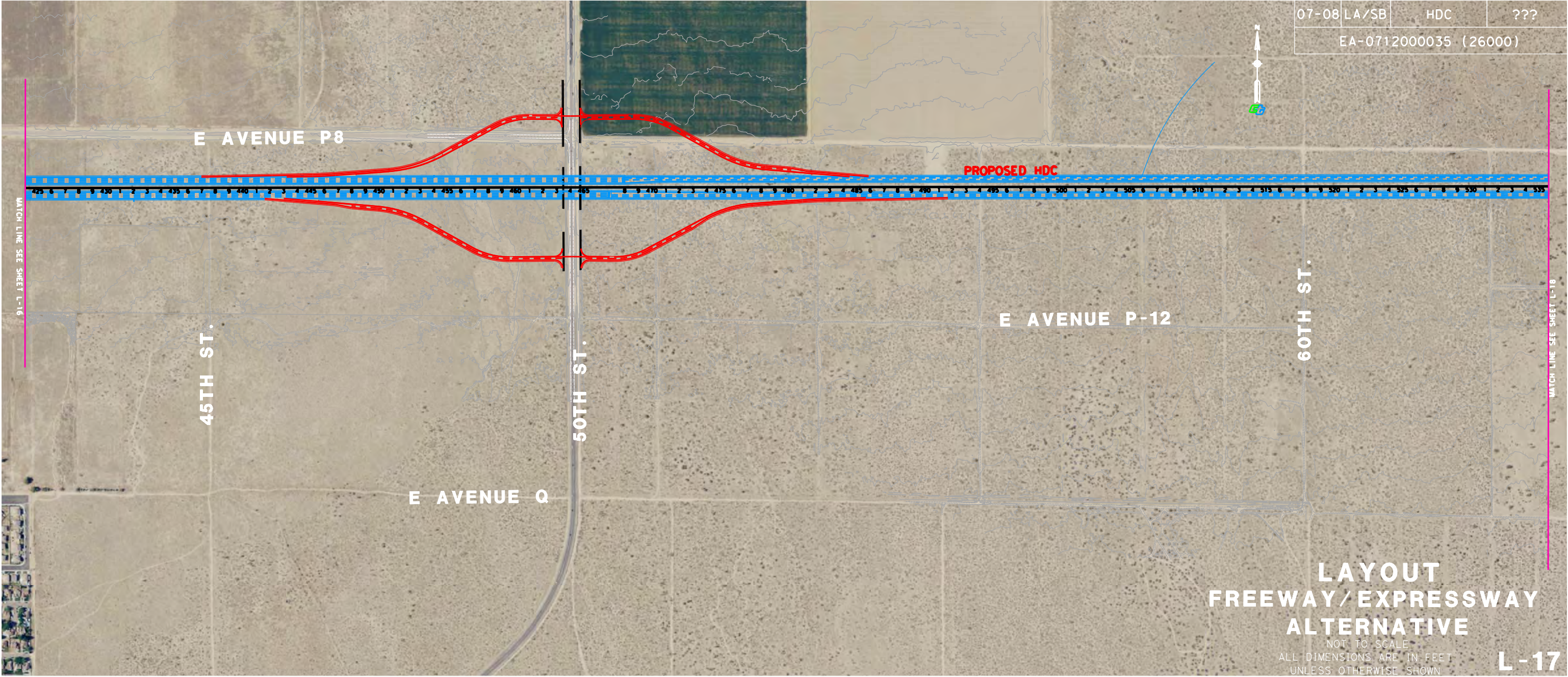
20TH STREET E

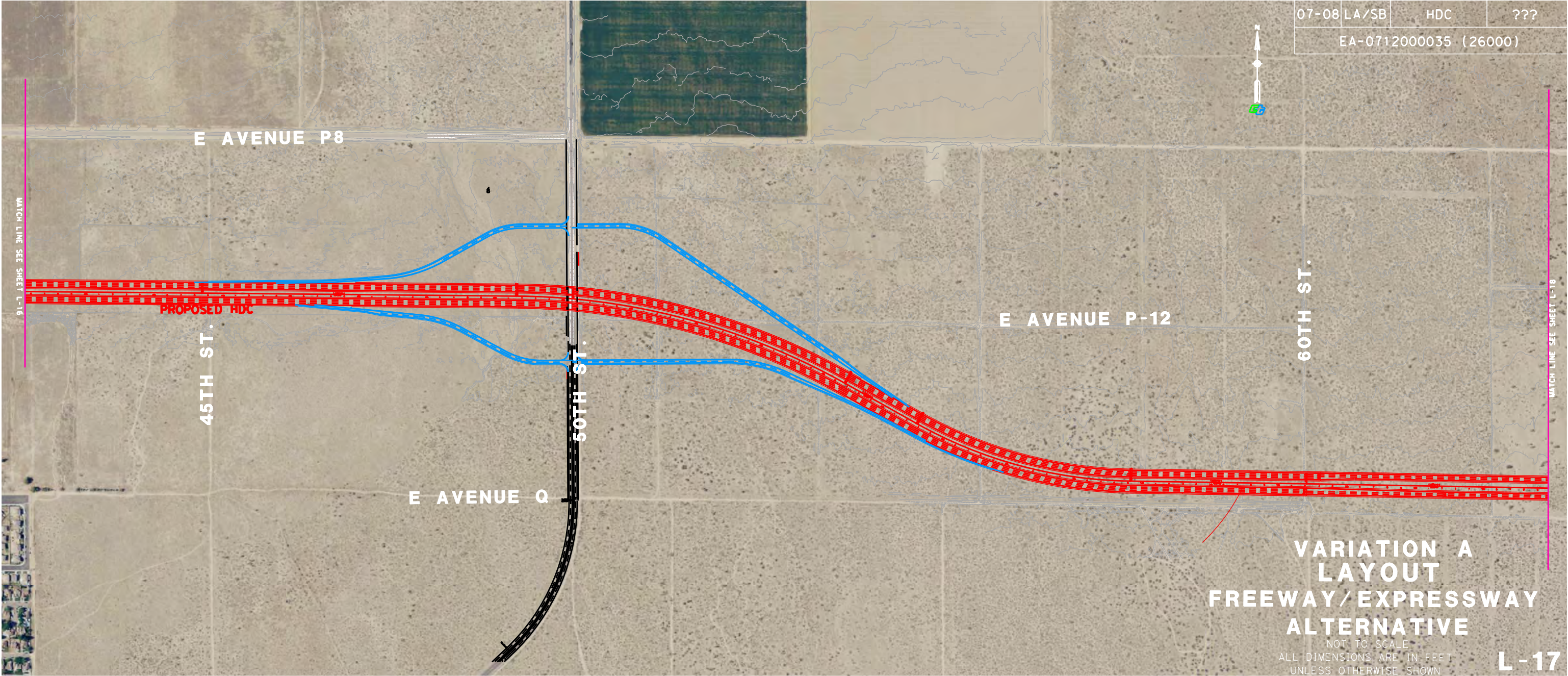
**VARIATION A
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

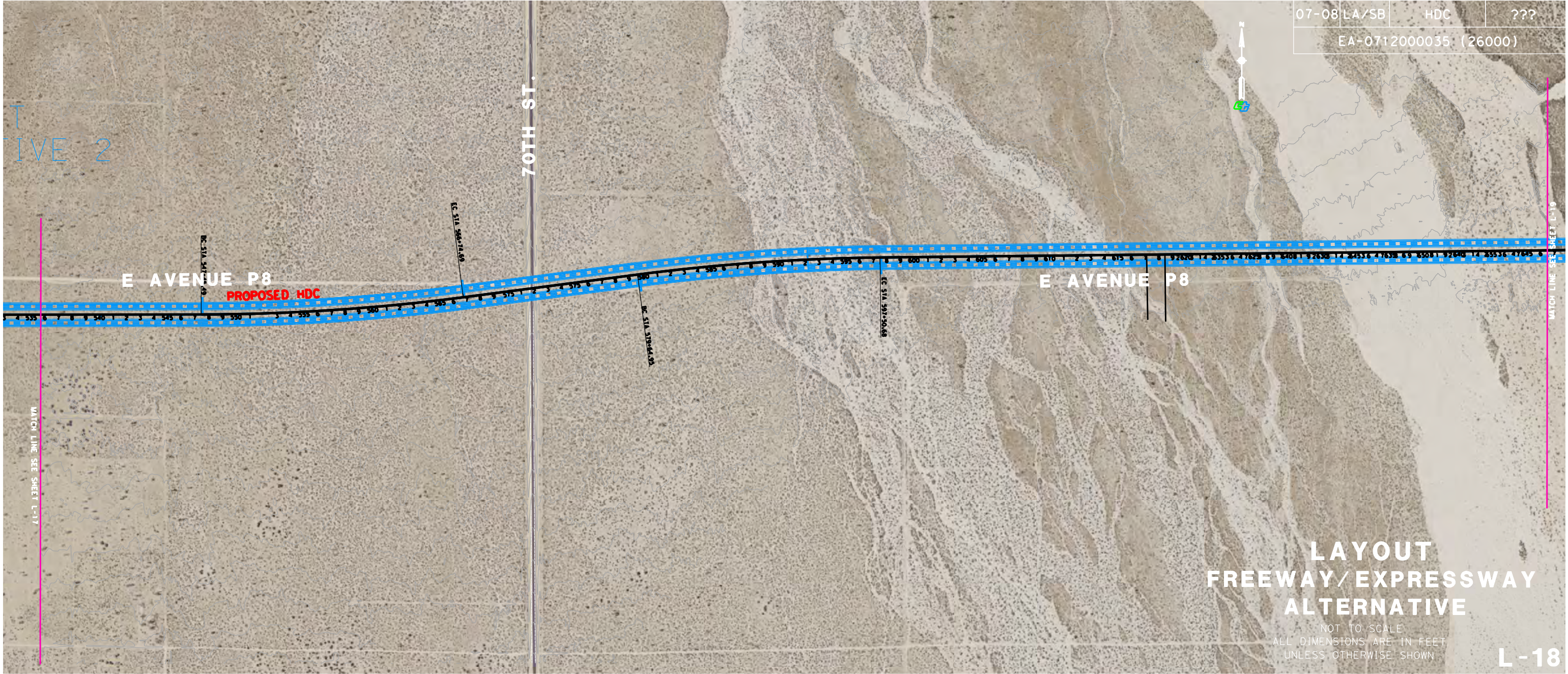
NOT TO SCALE
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07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



TIVE 2

70TH ST.

E AVENUE P8

PROPOSED HDC

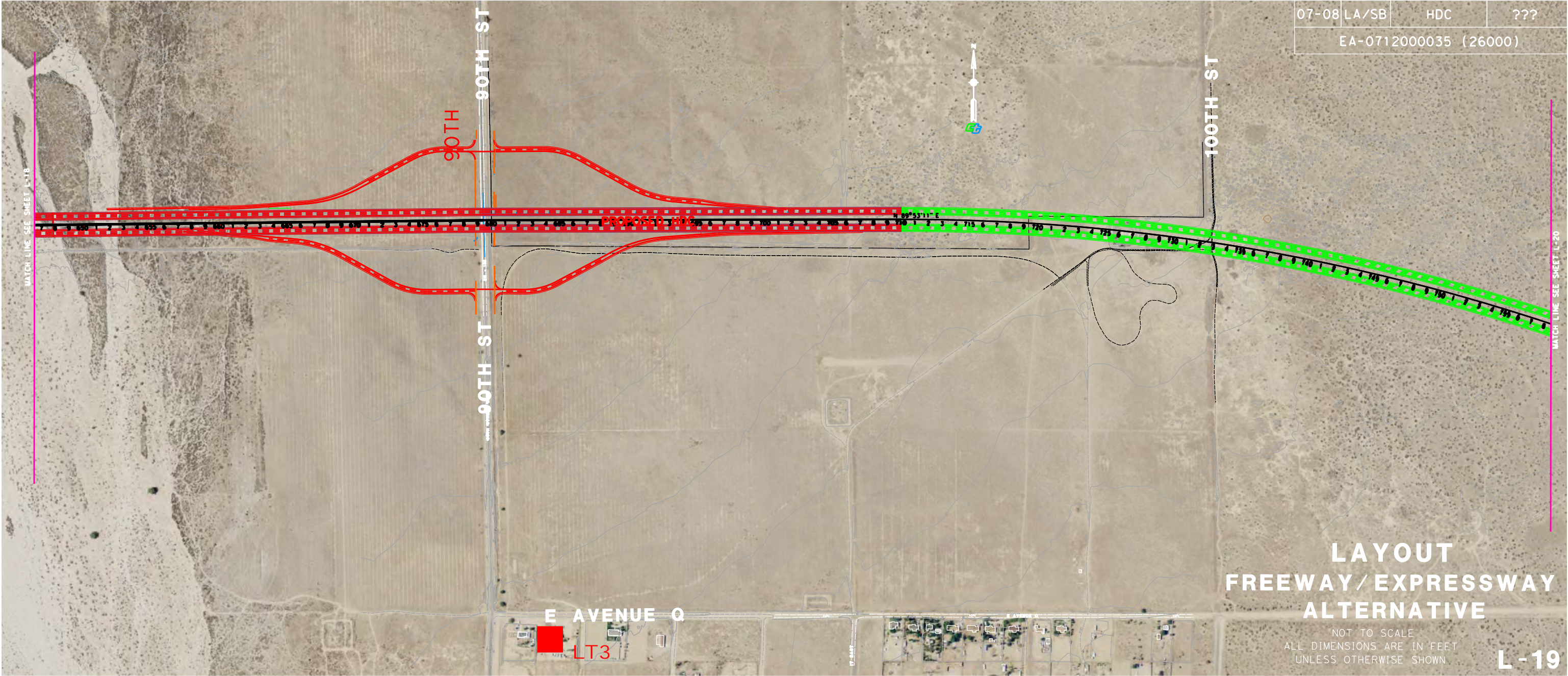
E AVENUE P8

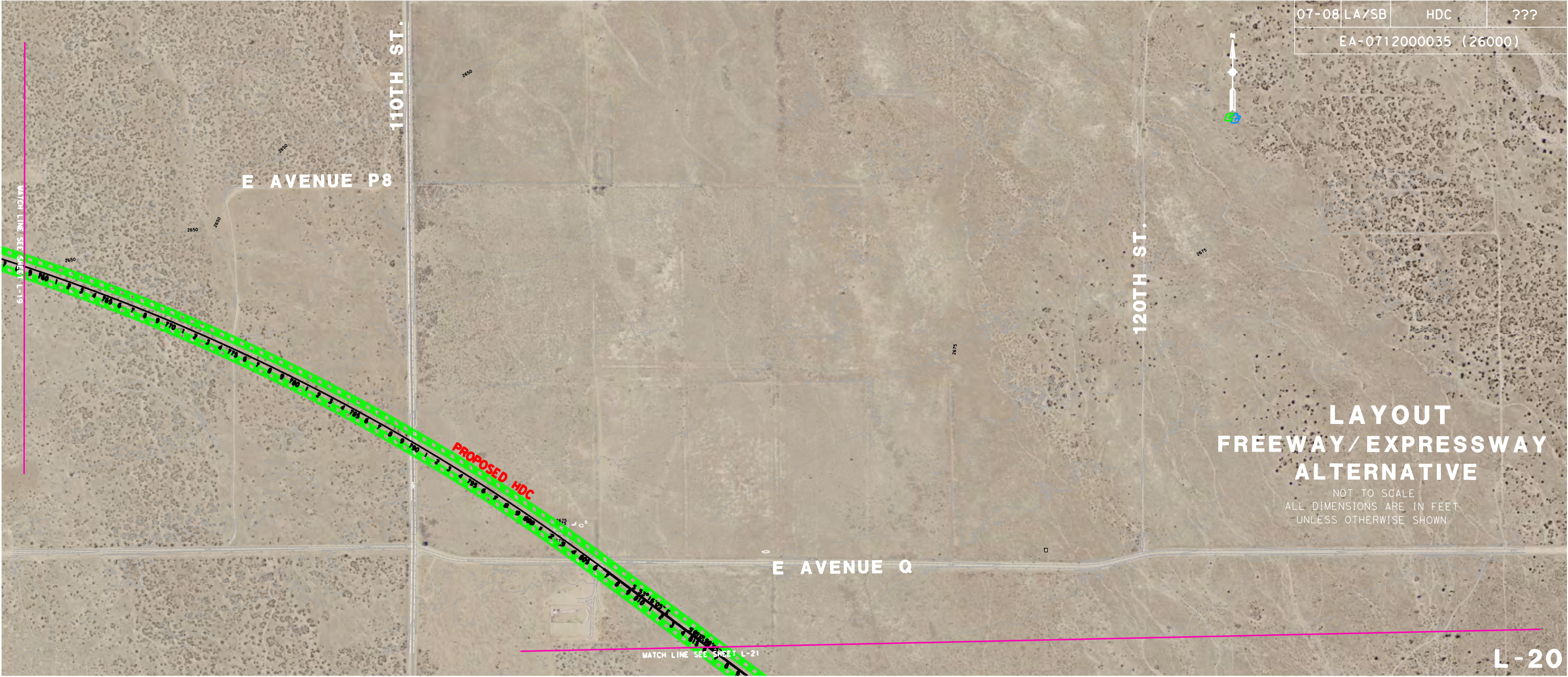
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

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L-18







07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

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07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

PALMDALE BLVD

130TH ST.

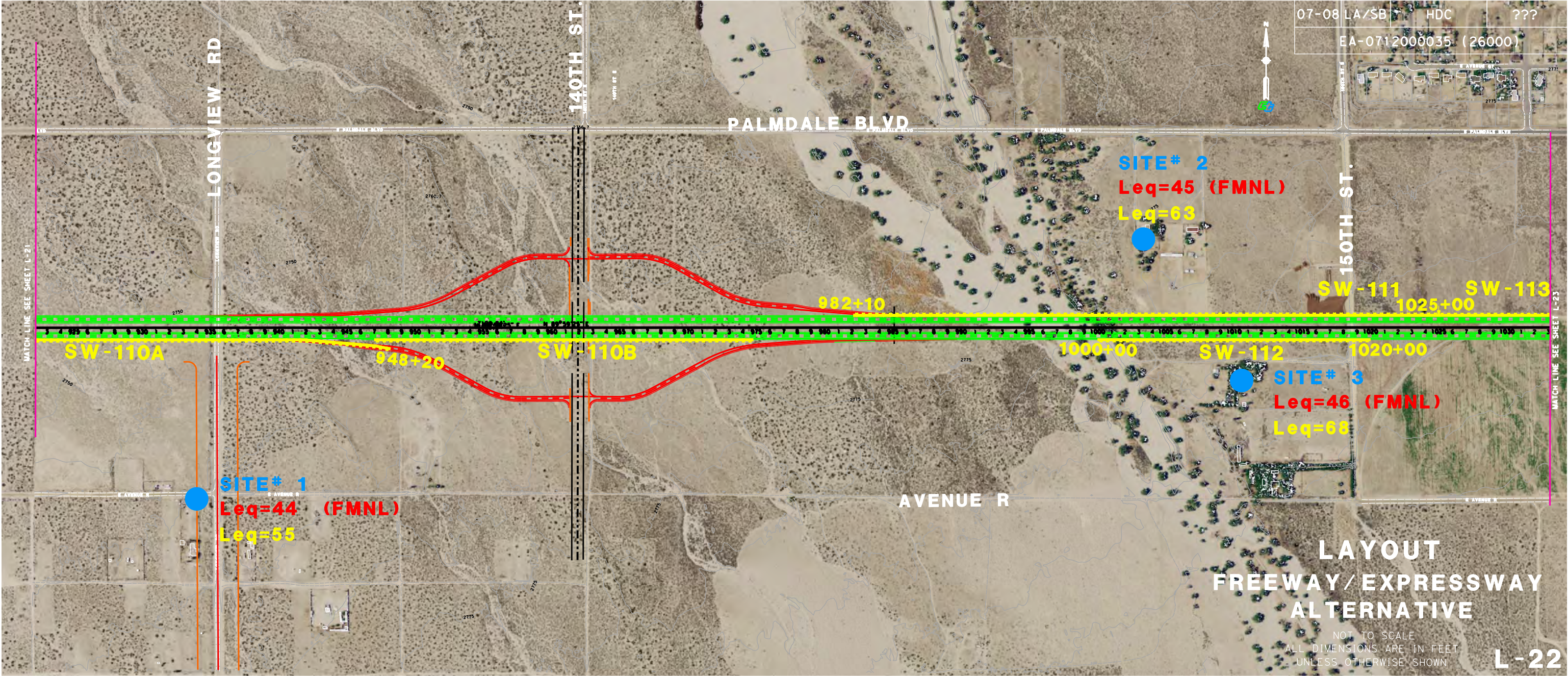
125TH ST.

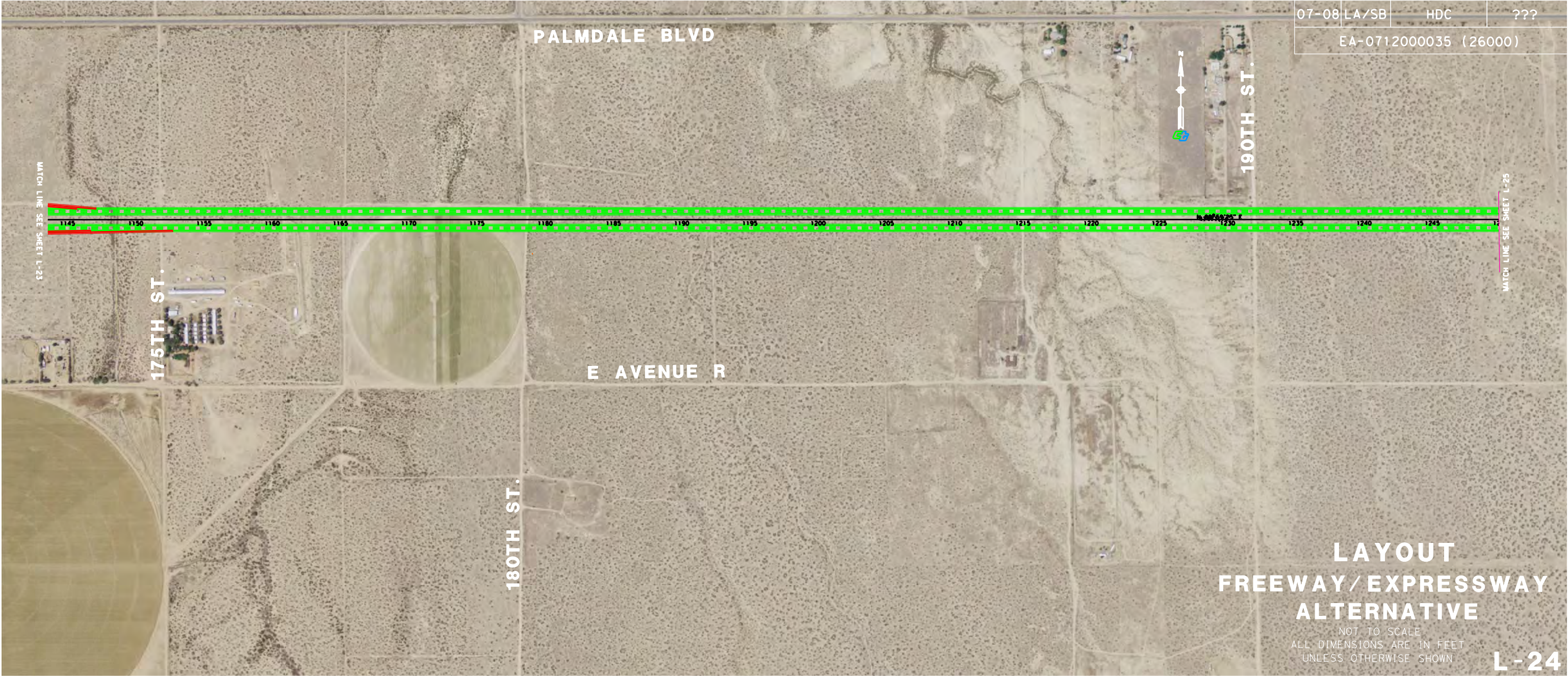
AVENUE R

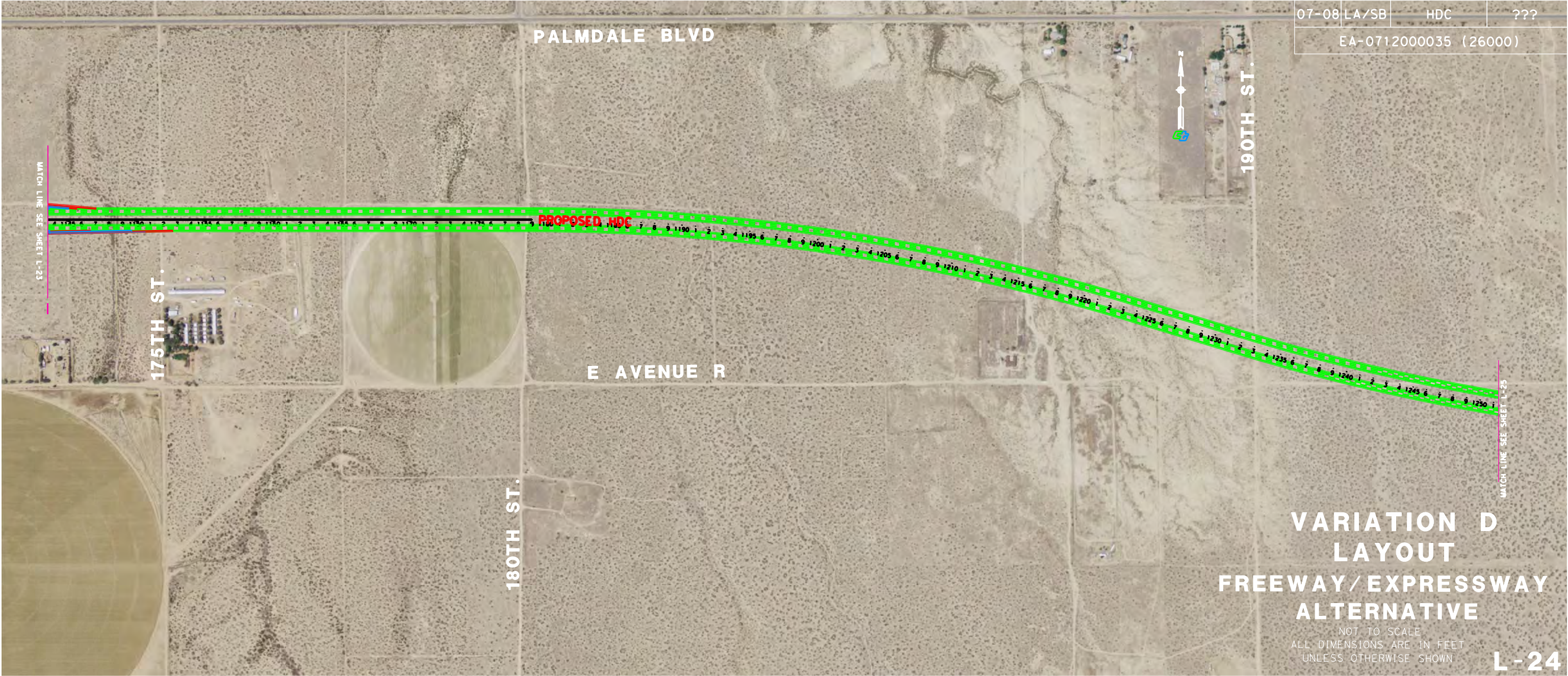
PROPOSED HDC
800+00
SW-110A
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

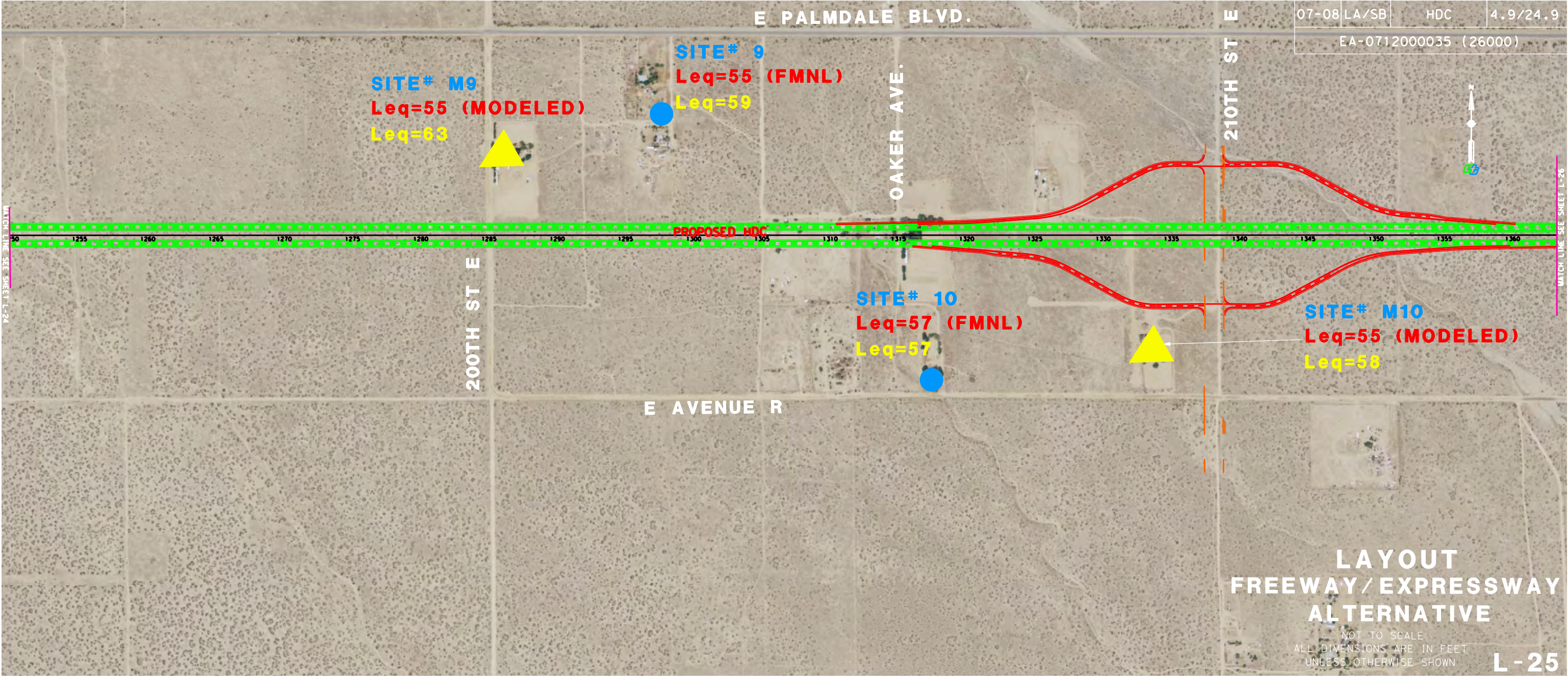
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

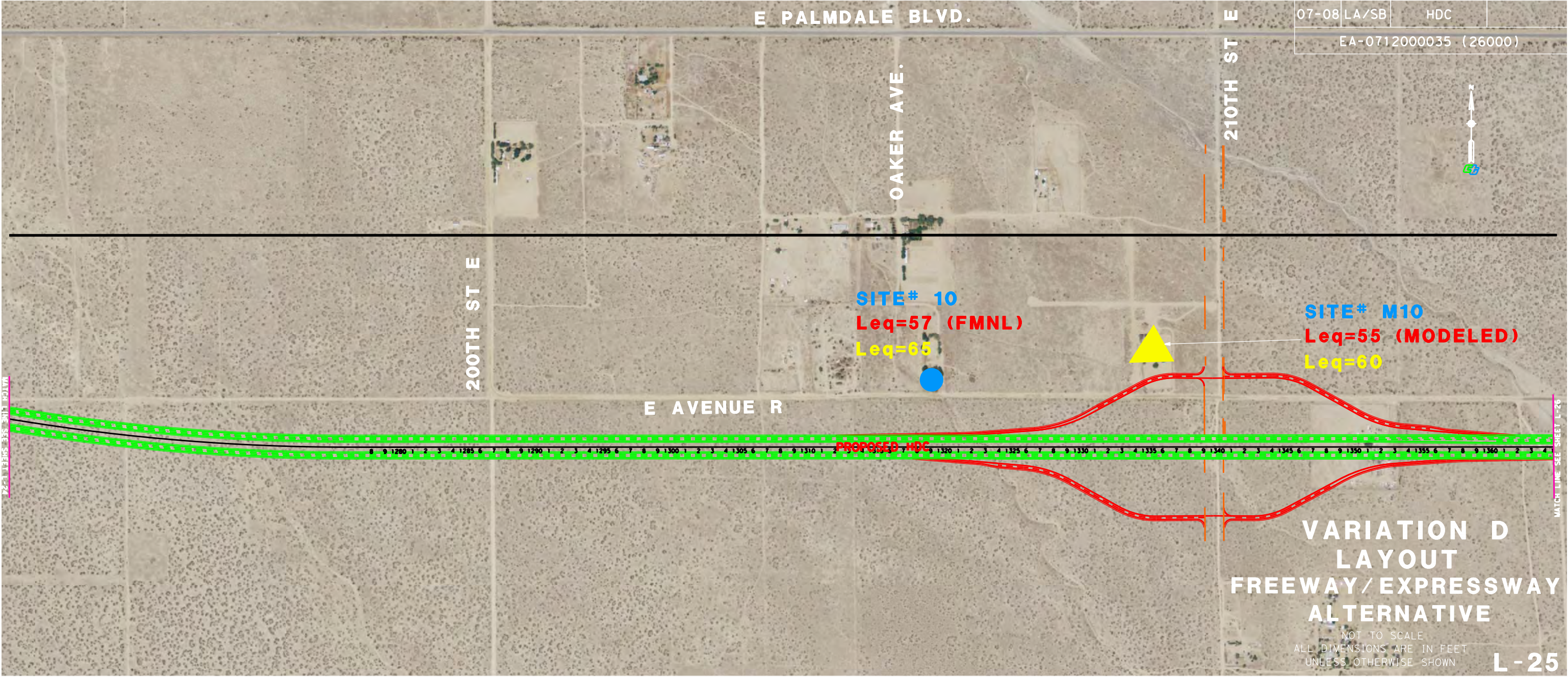
L-21













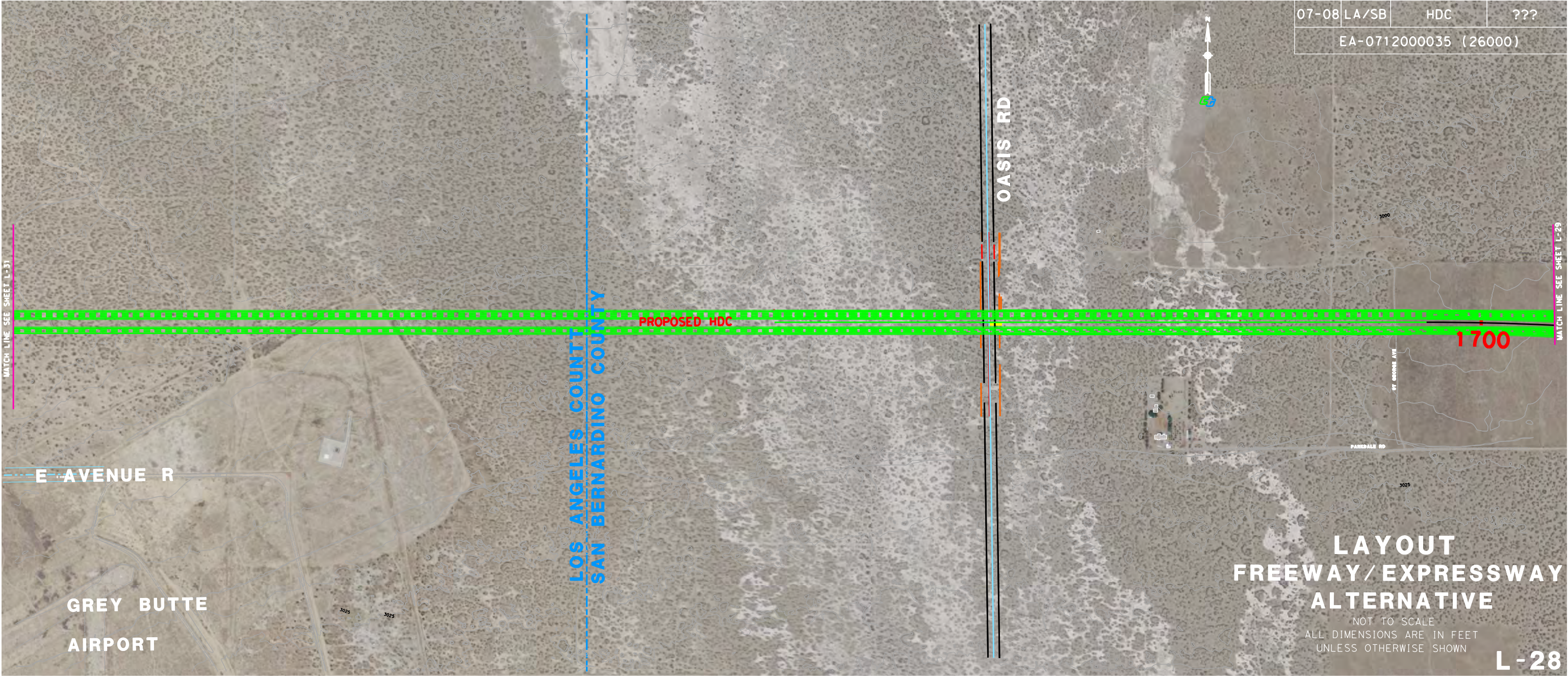


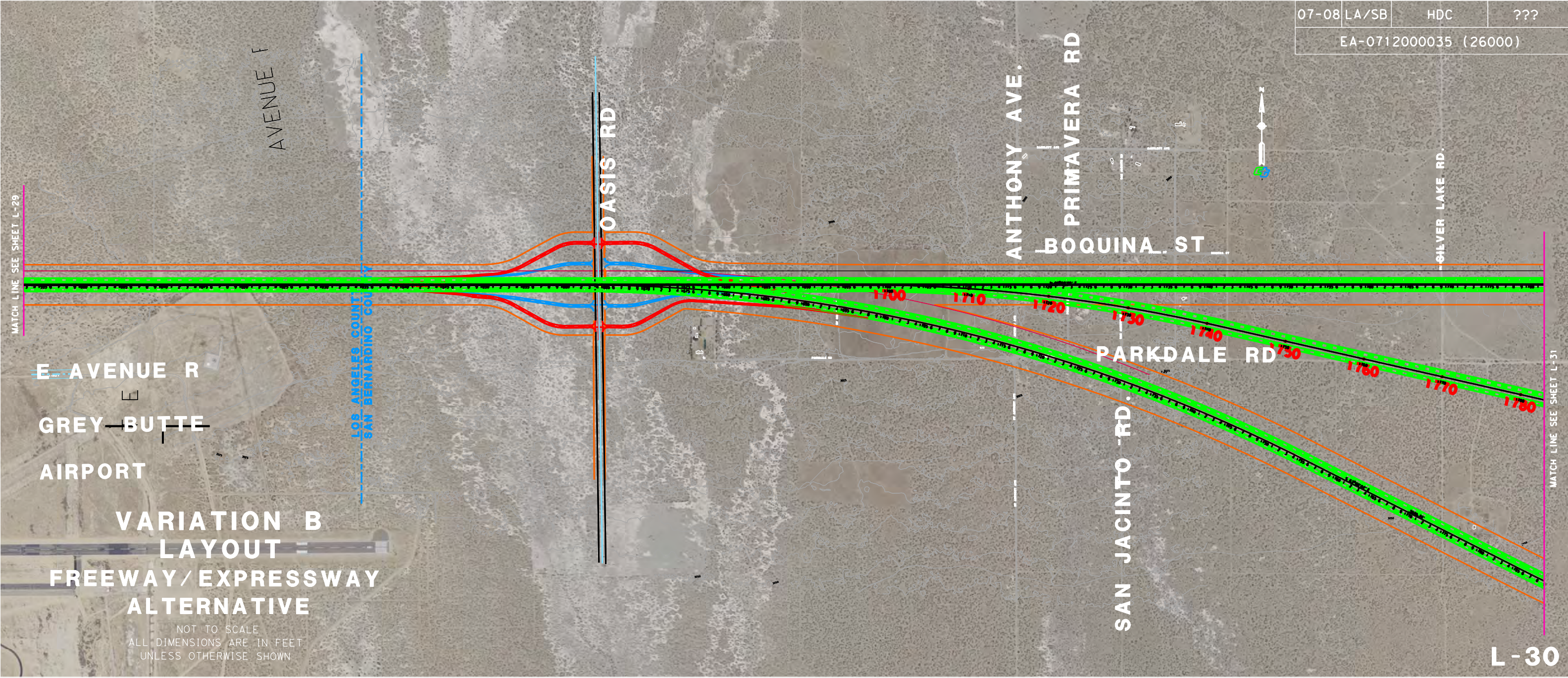
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

**GREY BUTTE
AIRPORT**

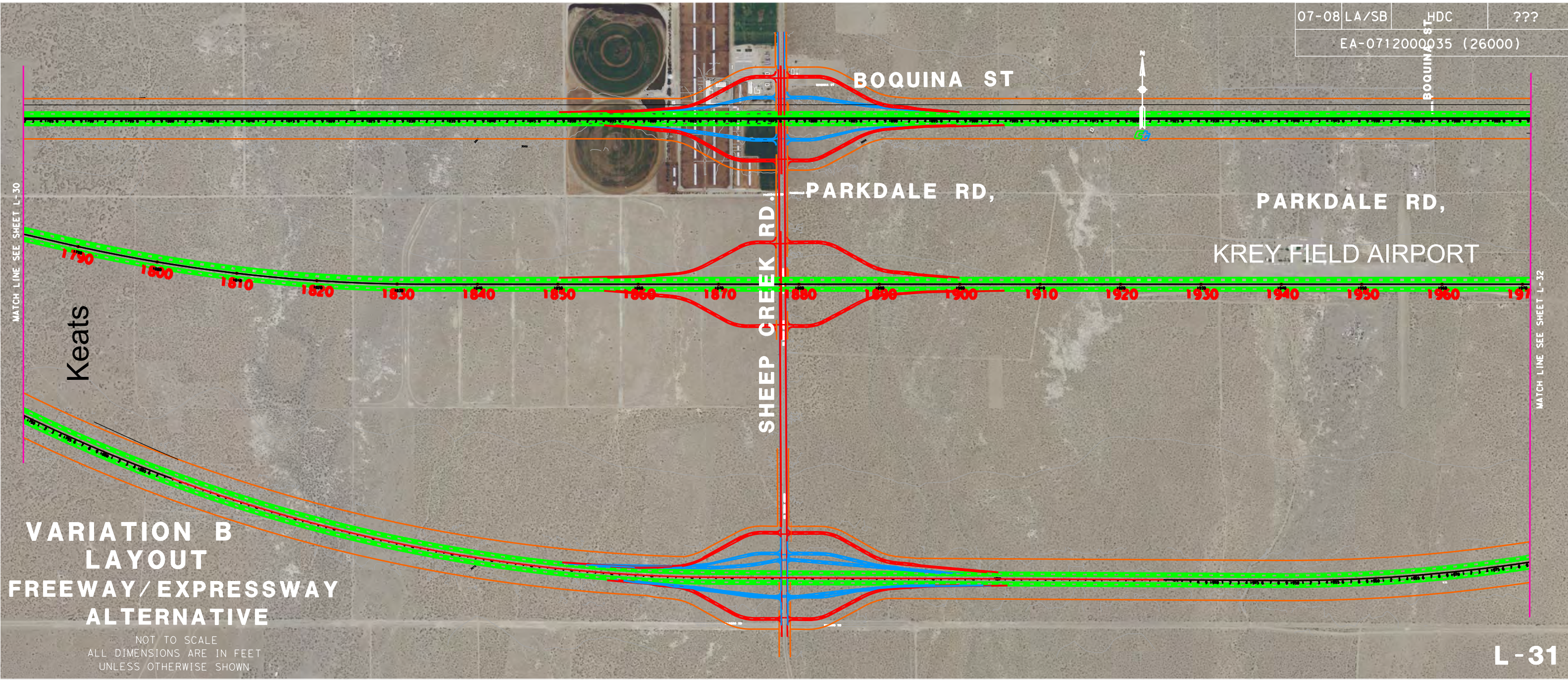
NOT TO SCALE
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07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

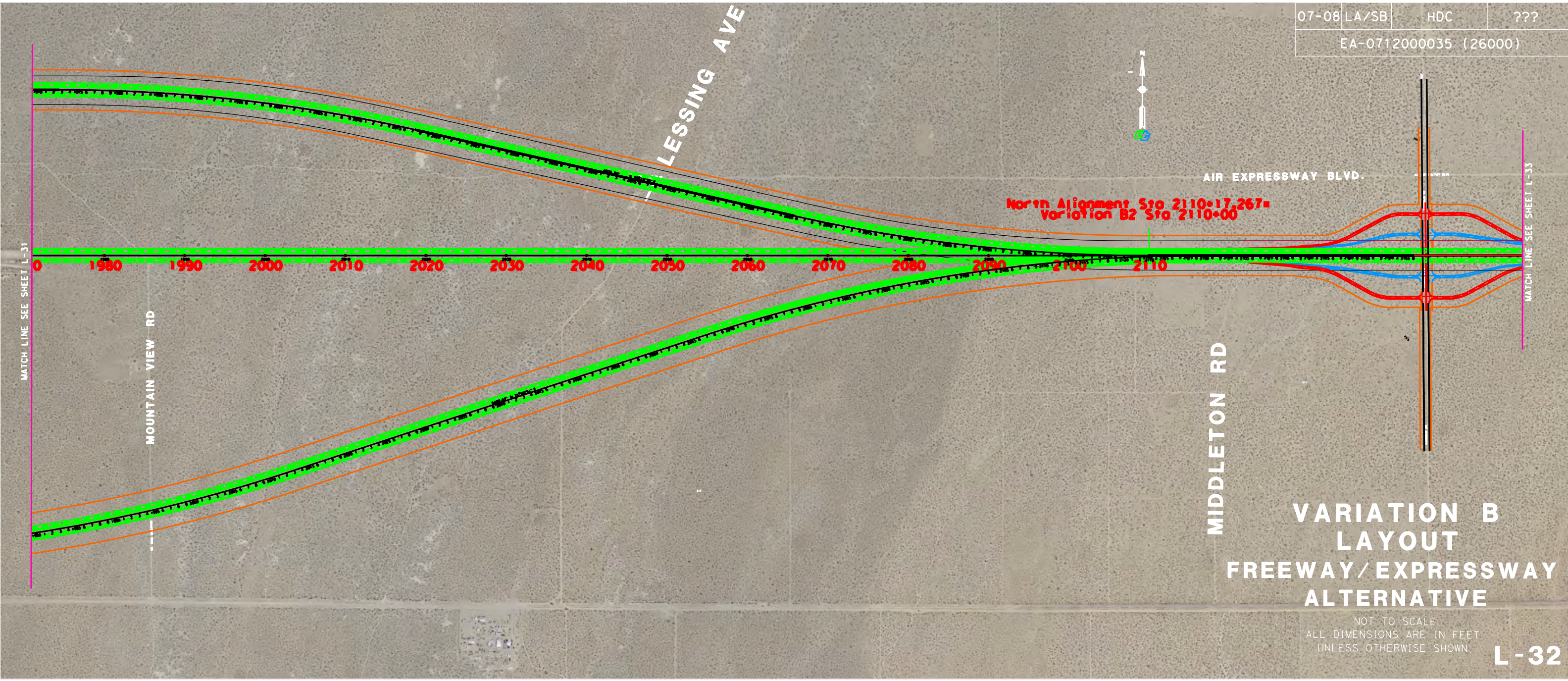
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



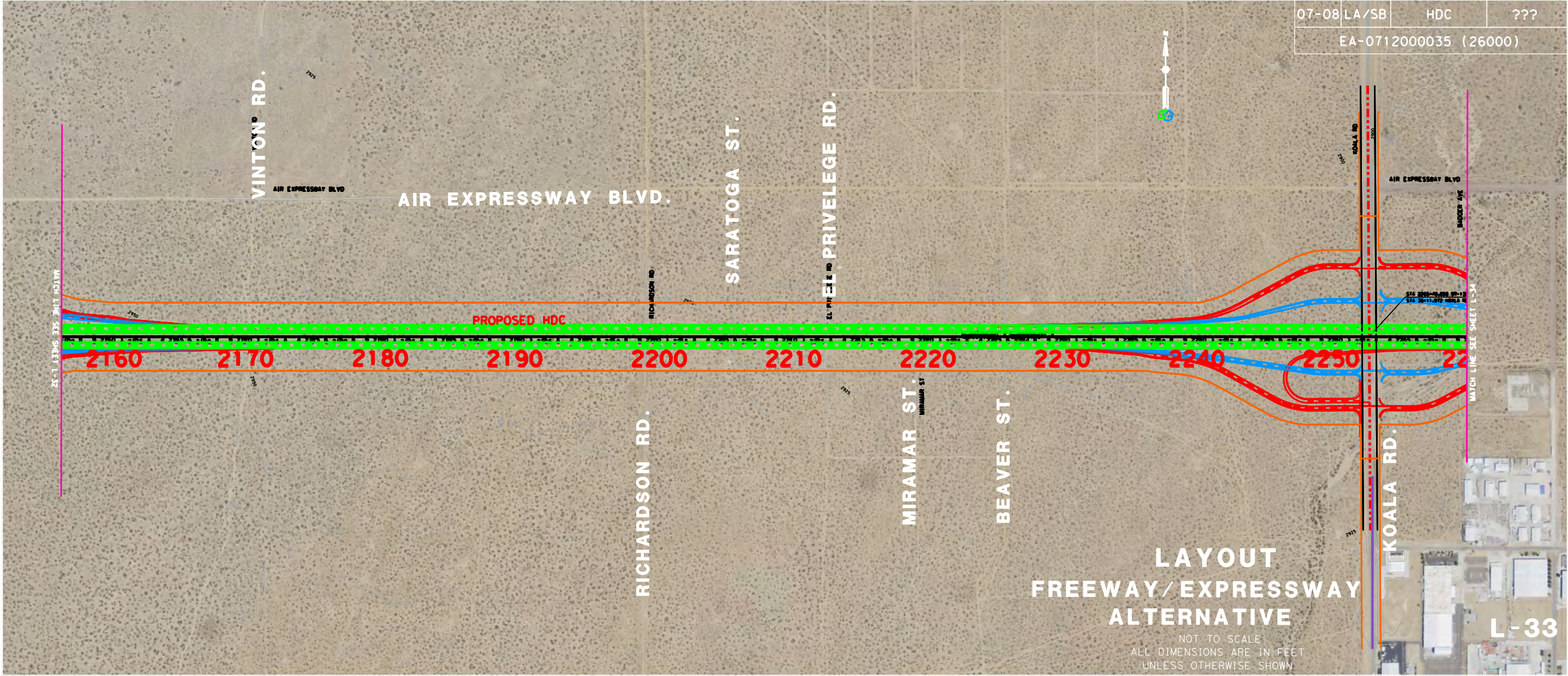
**VARIATION B
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

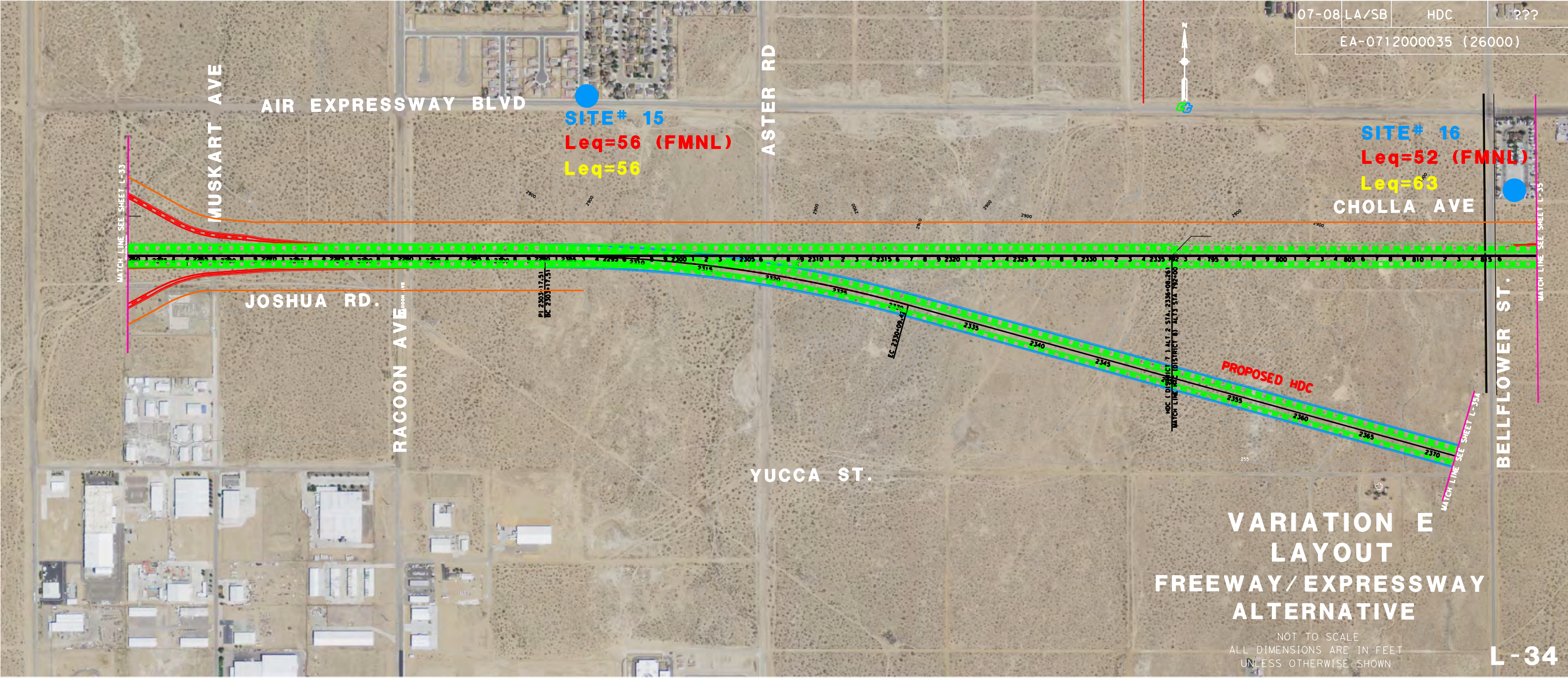
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



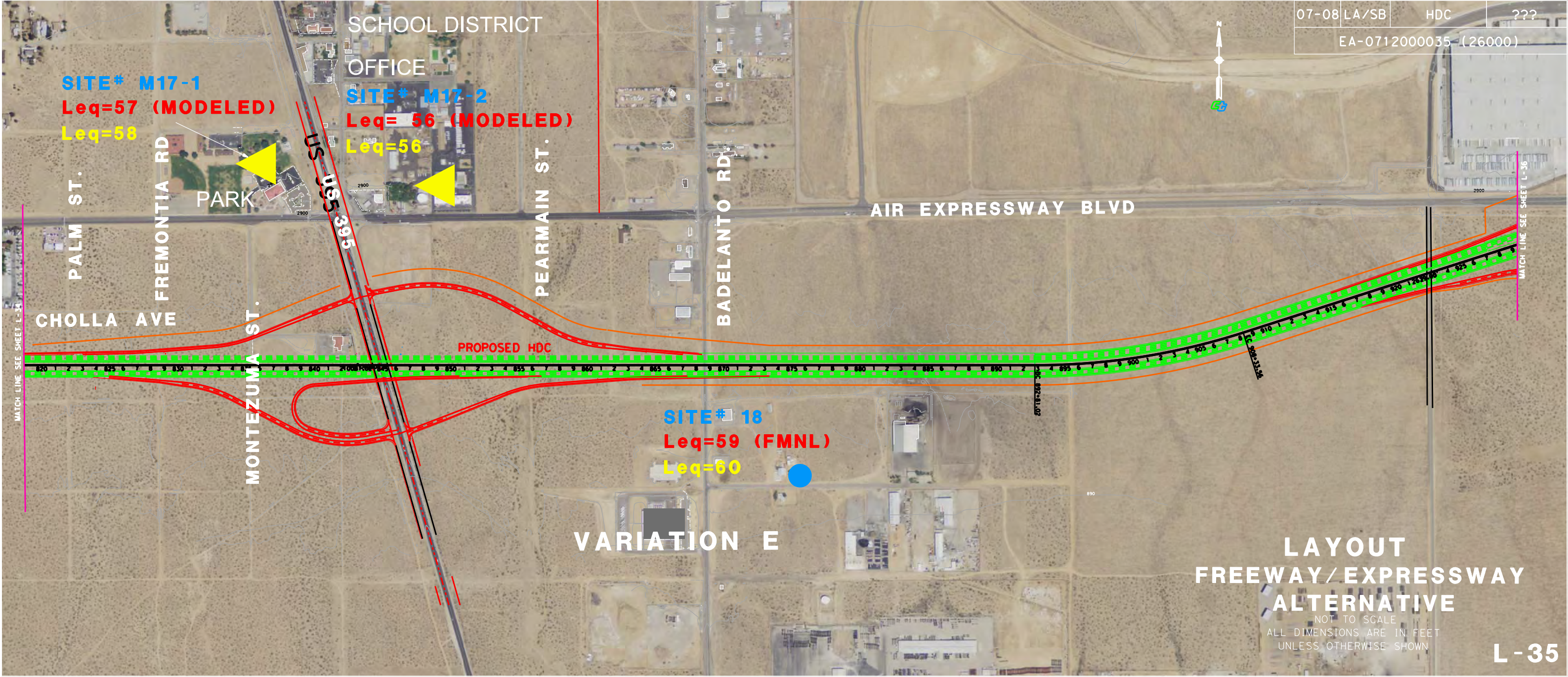
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

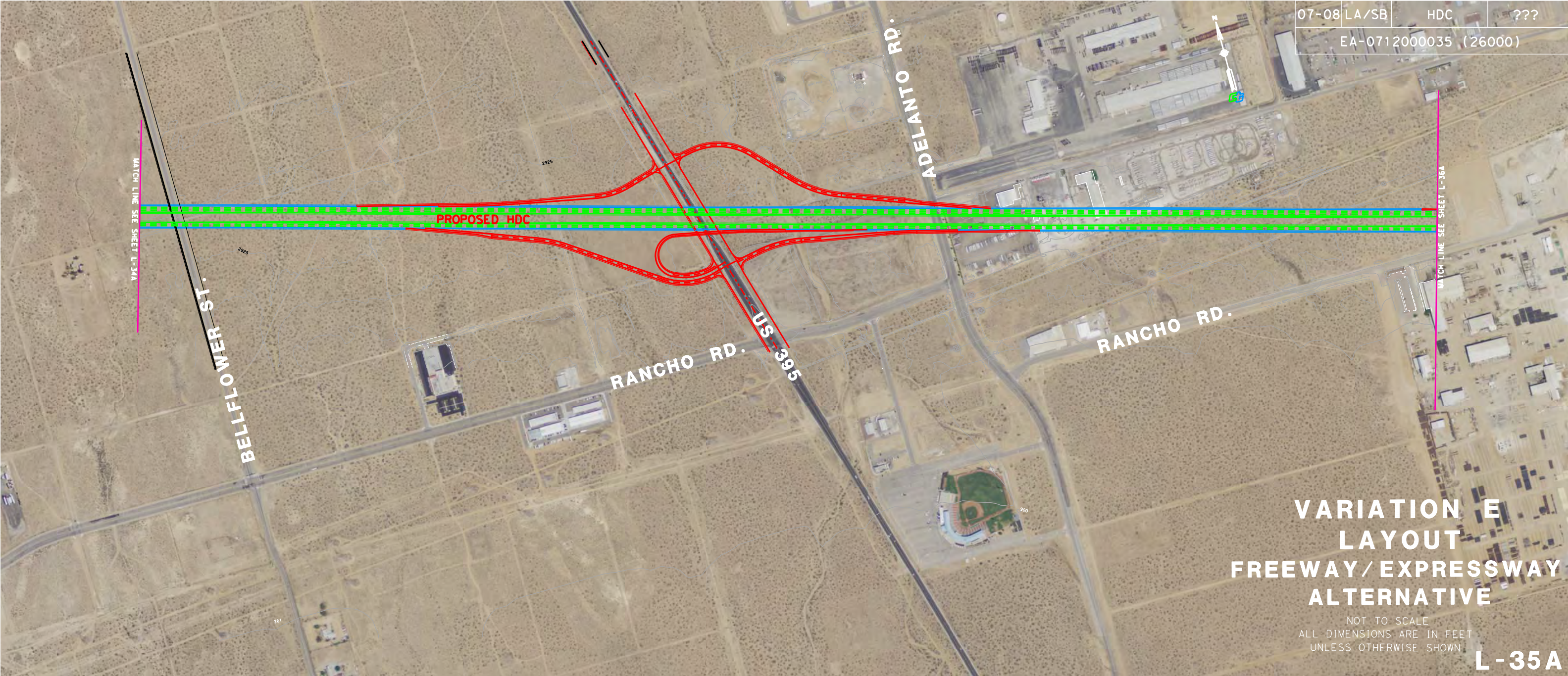




LT5

(1900' AWAY)



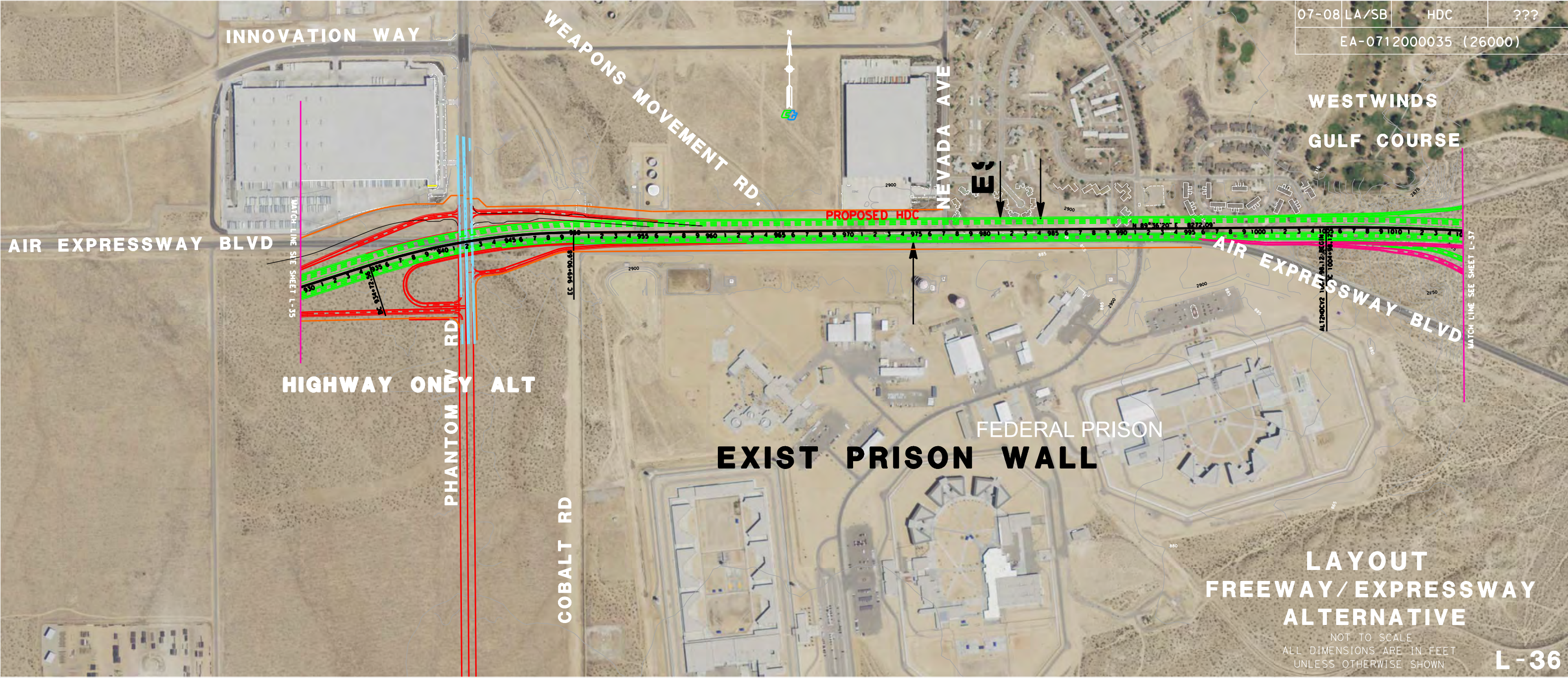


07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

**VARIATION E
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-35A

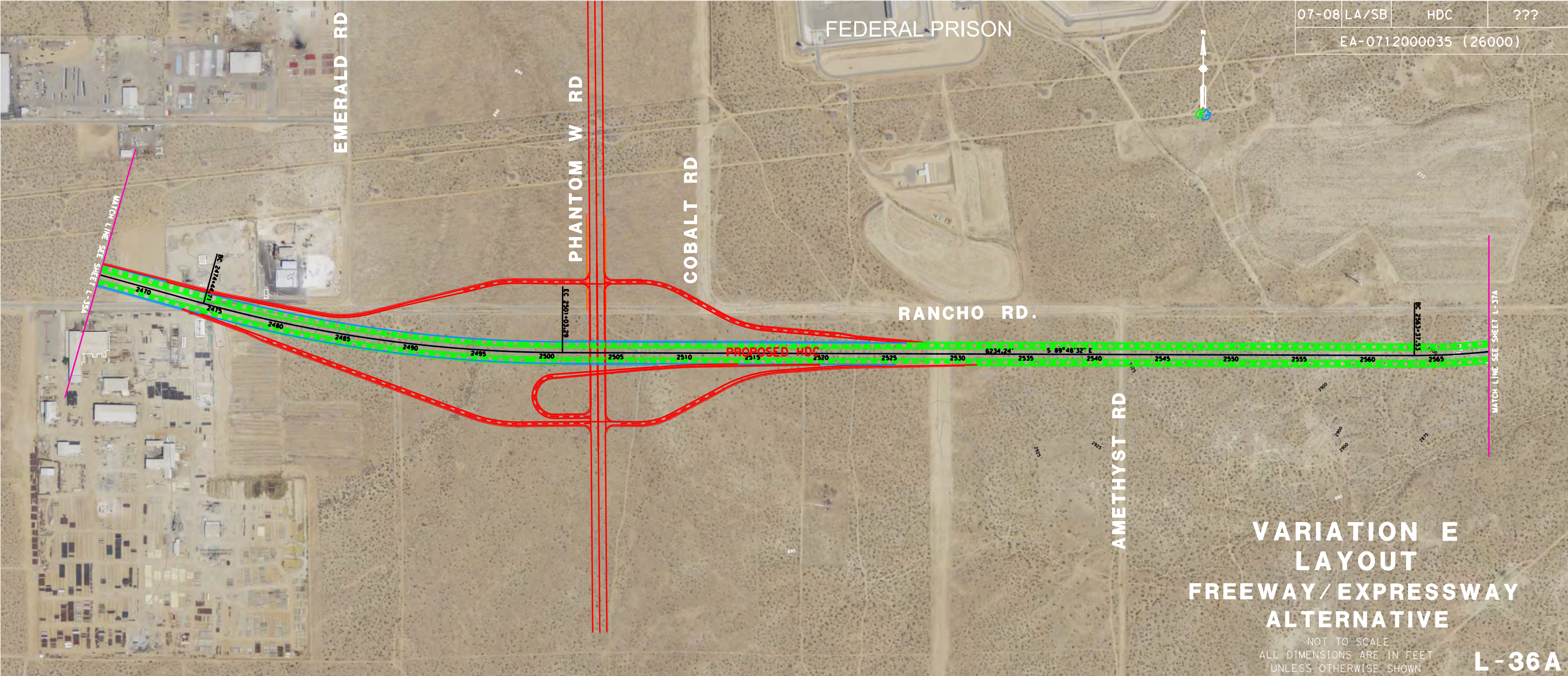


07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

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L-36



07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



SITE# 20
Leq=64 (FMNL)
Leq=64

**WESTWINDS
GULF COURSE**

PRAI

TURNER RD

SITE# 19
Leq=49 (FMNL)
Leq=58

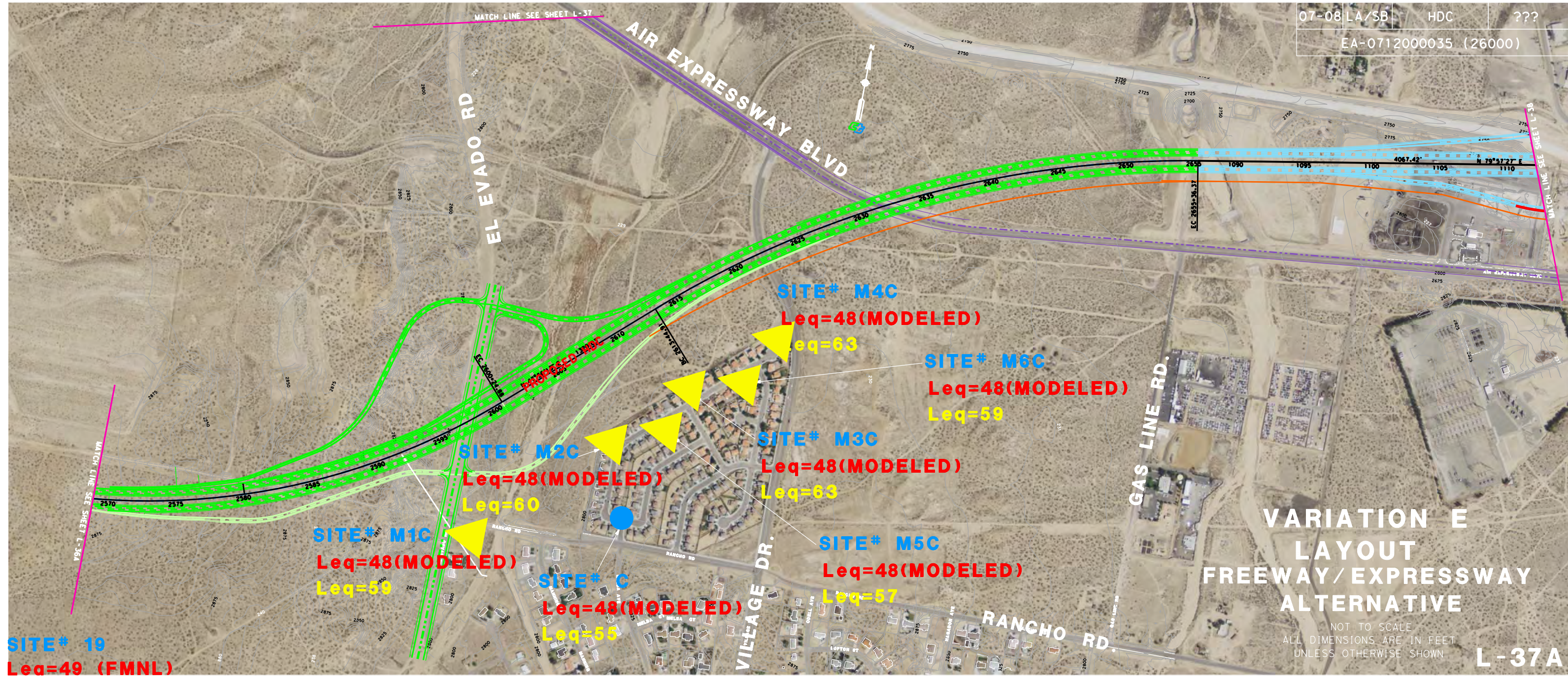
AIR EXPRESSWAY BLVD

VILLAGE DR.

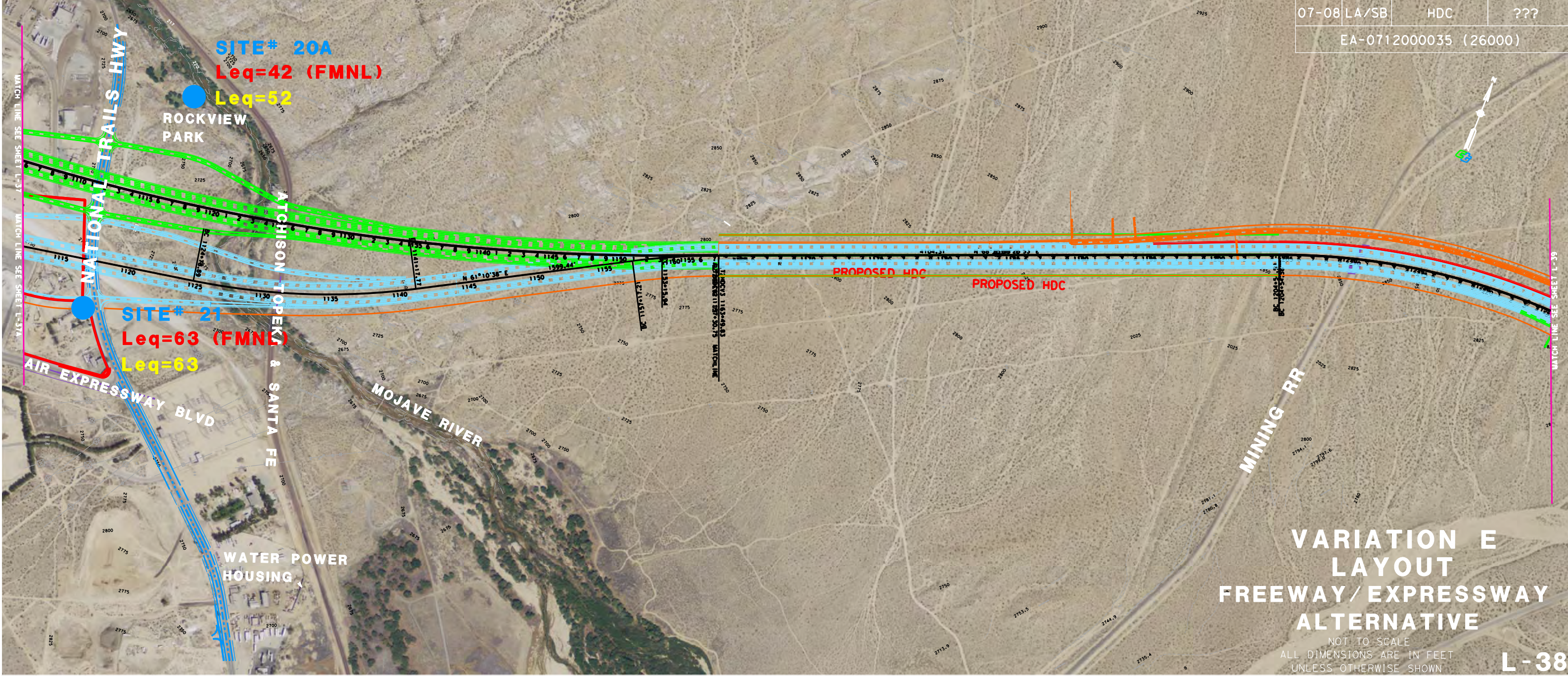
GAS LINE RD.

**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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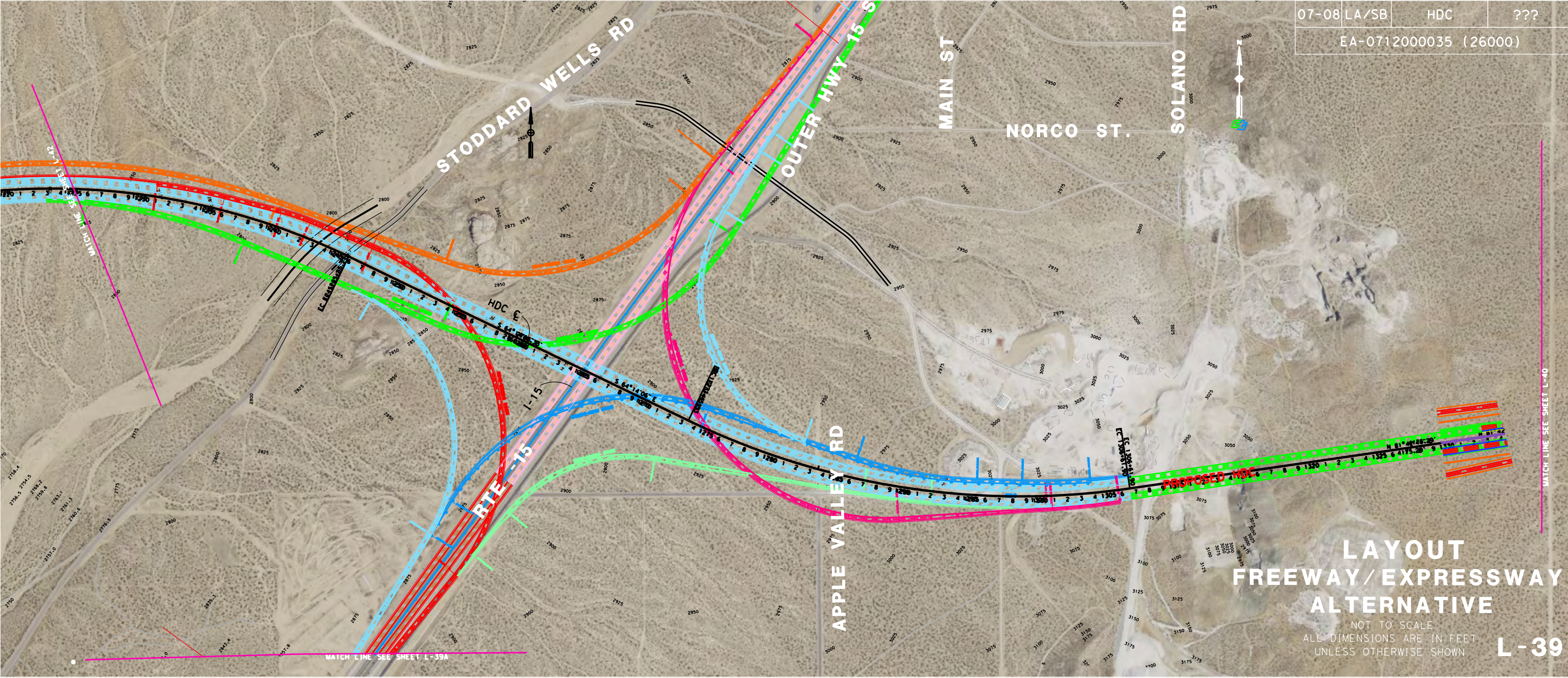
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

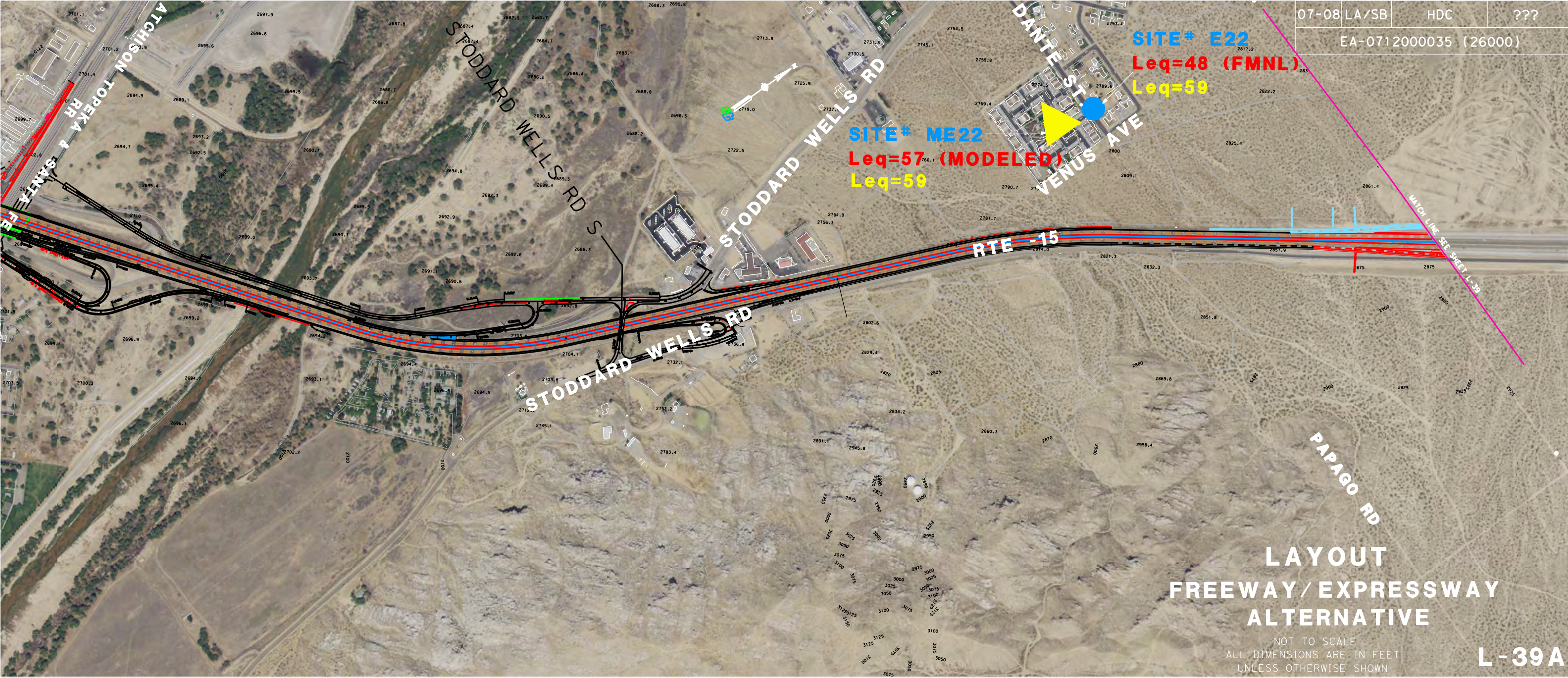


**VARIATION E
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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UNLESS OTHERWISE SHOWN

L-38





07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



CHOCO RD

PROPOSED HDC

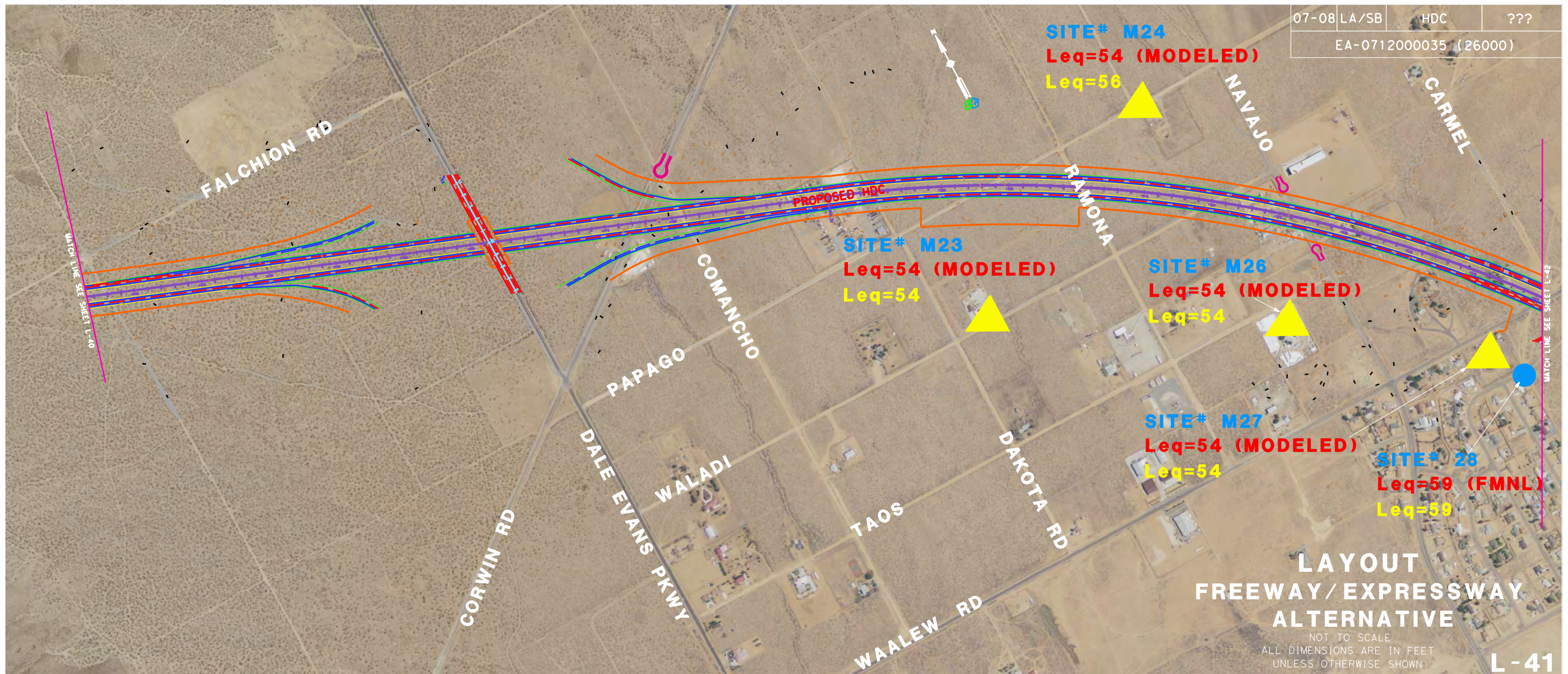
FALCHION RD

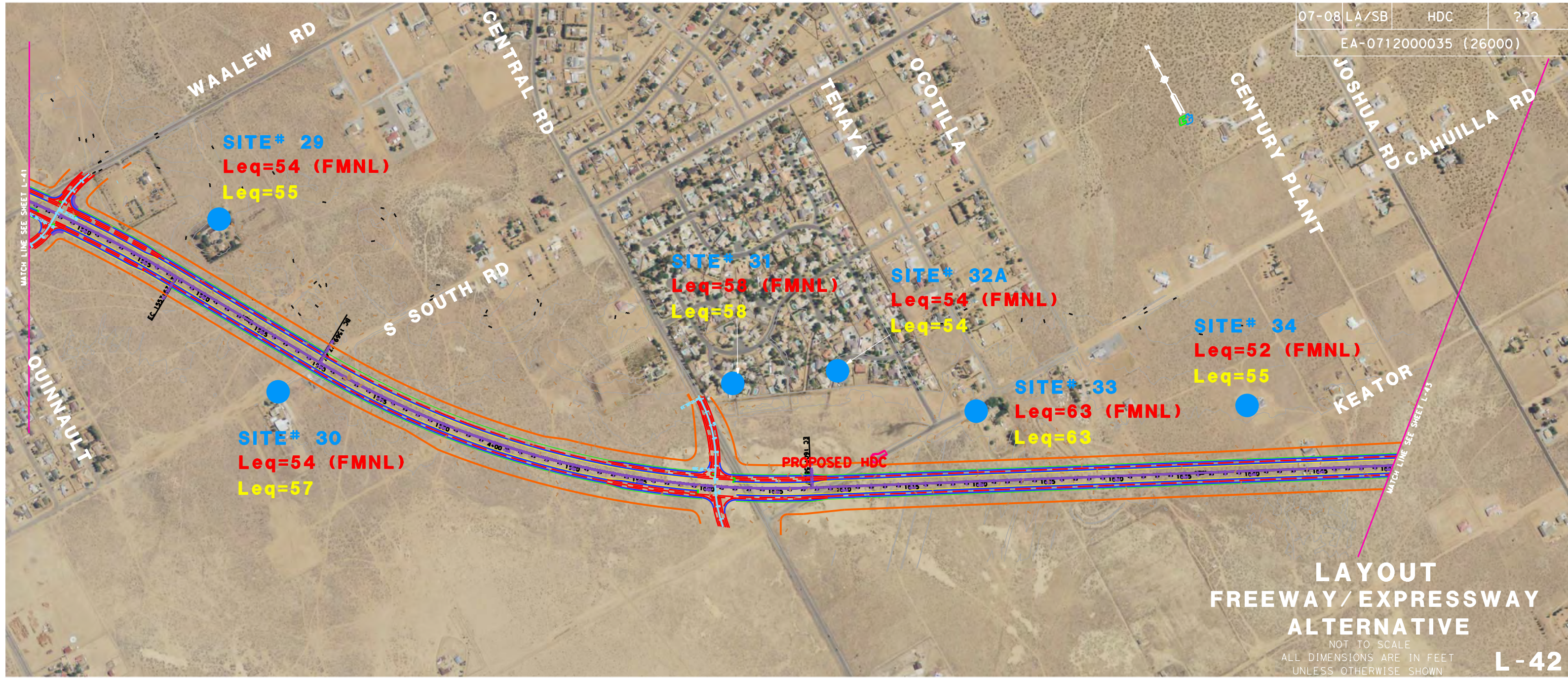
MATCH LINE SEE SHEET L-39

MATCH LINE SEE SHEET L-41

**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**
NOT TO SCALE
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UNLESS OTHERWISE SHOWN

L-40

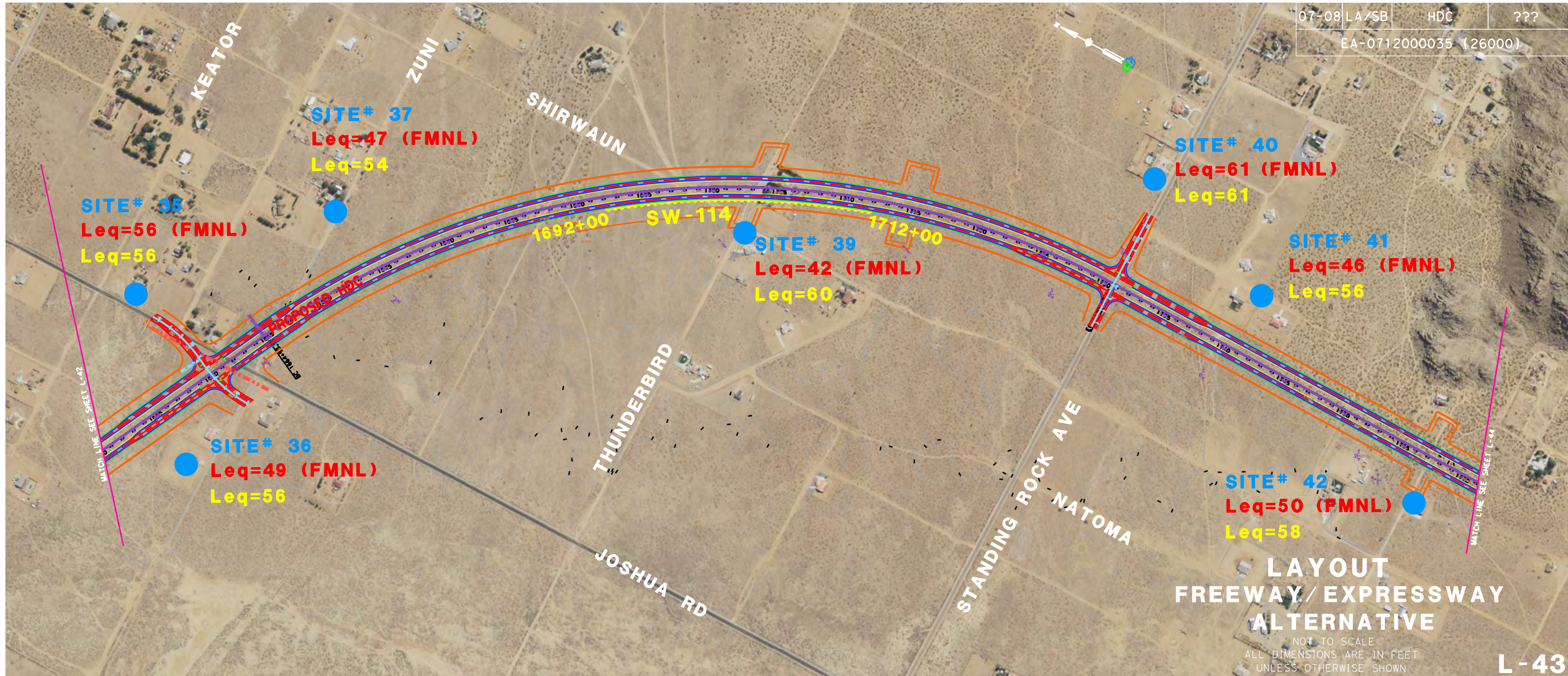


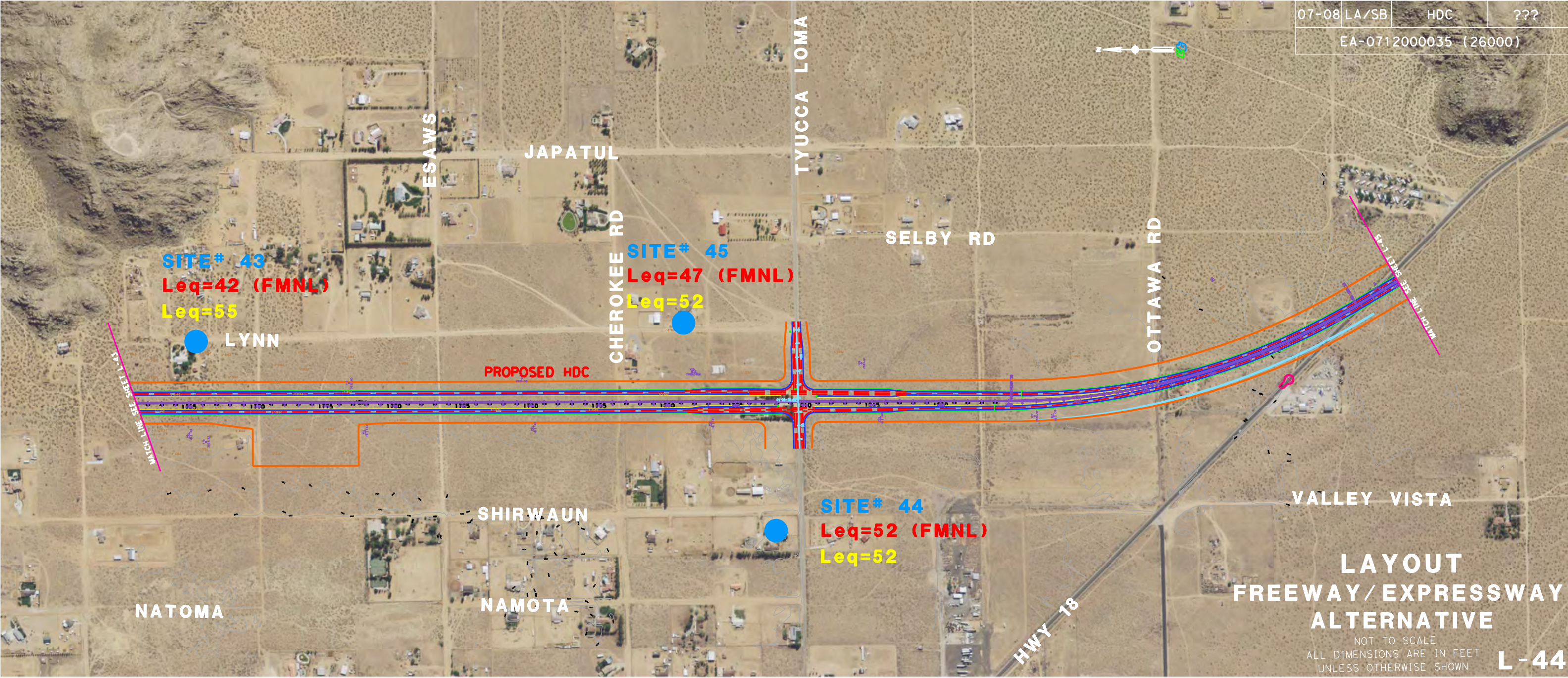


**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**
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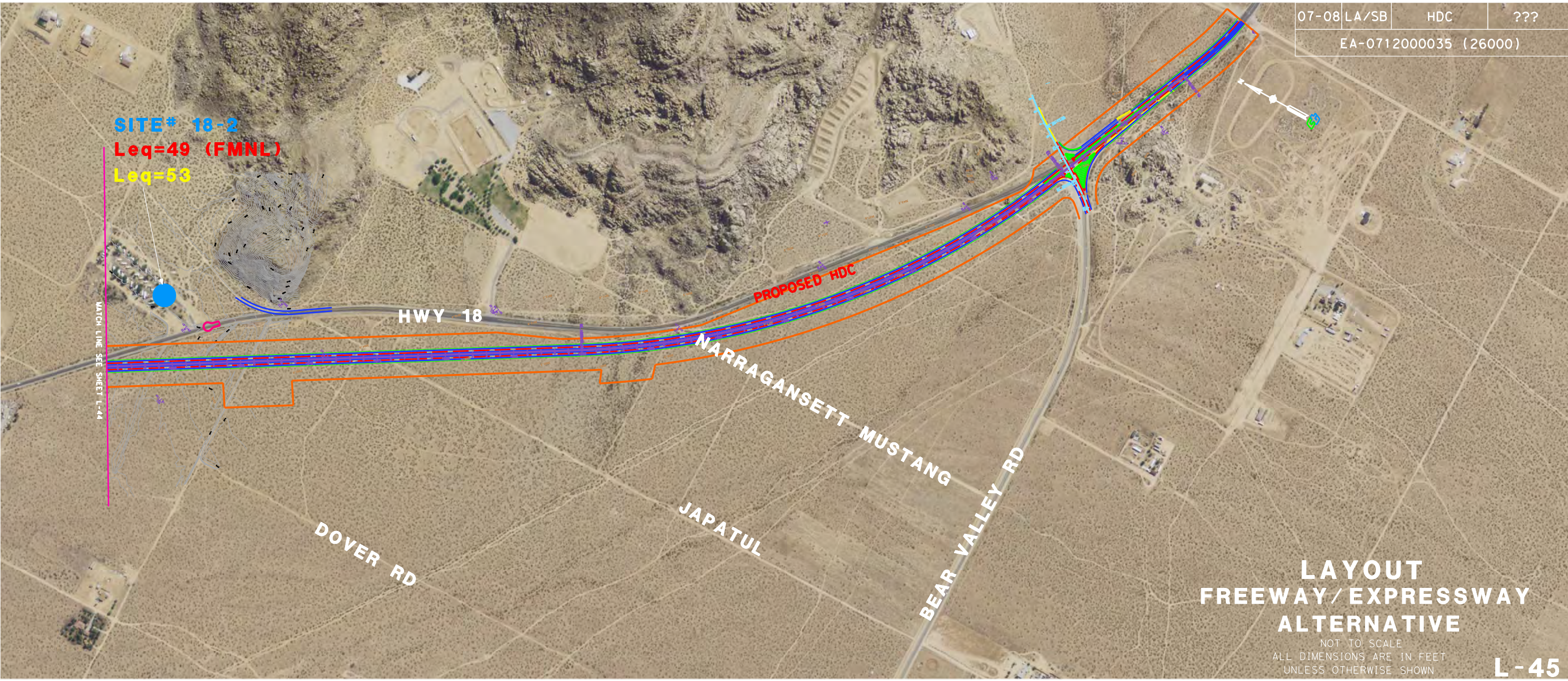
L-42

07-08	LA/SB	HDC	???
EA-0712000035 (26000)			





07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



**LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
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L-45

LIST OF TECHNICAL STUDIES (Bound Separately)

Category	Study	Date Prepared
Project Description	Bike Path Study	June 2014
	Green Energy Feasibility Study Report	June 2014
	High-Speed Rail Feeder Service Study - Rail Options Considered and Withdrawn Report	May 2014
	Narrative on Phasing	November 2013
	Public-Private Partnership Program, High Desert Corridor	January 2013
	TSM Narrative	November 2013
Human Environment	Archaeological Survey Report (Supplemental)	April 2014
	Archaeological Survey Report	August 2014
	Community Impact Assessment	March 2016
	Draft Relocation Impact Report	August 2014
	Extended Phase I Testing Report	July 2014
	Extended Phase I and II Evaluation Report	July 2015
	Farmland Memo	August 2014
	Final Relocation Impact Report	October 2015
	Finding of Adverse Effect	December 2015
	Growth-Related Indirect Impact Analysis Report	June 2014
	Historic Property Survey Report for the High Desert Corridor, Los Angeles and San Bernardino Counties, California	August 2014
	Historic Property Survey Report (Supplemental)	July 2015
	Historical Resources Evaluation Report	August 2014
	Traffic Study	June 2014
	Traffic Study Update Memo	September 2014
	Visual Impact Assessment	September 2015
Physical Environment	Air Quality Report	April 2016
	Electromagnetic Radiation Technical Memo	May 2015
	Energy Technical Report	December 2015
	Geomorphology Report, Preliminary	June 2014
	Geotechnical Report, Preliminary, (San Bernardino County Section)	June 2012
	Geotechnical Report, Preliminary, (Los Angeles County)	October 2012
	Hydrology and Hydraulics Report, Preliminary	January 2016
	Initial Seismic Hazard Assessment Report (Los Angeles County Section)	November 2011
	Initial Site Assessment from 100 th Street East to San Bernardino County Line	August 2011
	Initial Site Assessment Los Angeles County Line to the Town of Apple Valley	September 2011
	Initial Site Assessment (Revised) from Route 14 to 100 th Street East	September, 2011
	Initial Site Assessment (Supplemental) from Los Angeles County Line to the Town of Apple Valley	August 2013
	Initial Site Assessment (Supplemental) between 100 th Street East and San Bernardino County Line	December 2013
	Initial Site Assessment Update from Route 14 to 100 th	January 2014

List of Technical Studies

Category	Study	Date Prepared
	Street East, prepared by Office of Environmental Design	
	Initial Site Assessment (Supplemental) High Speed Rail Route Victorville, California	April 2014
	Initial Site Assessment (Supplemental) Segment 2E and 2F from Route 14 to 100 th Street	September 2015
	Noise Abatement Decision Report	October 2015
	Noise Study Report (NSR) and HSR Vibration Impact Assessment	March 2016
	Paleontological Identification Report/Paleontological Evaluation Report	August 2014
	Water Quality Assessment Report	June 2014
Biological Resources	Bat Survey Report	August 2015
	Biological Assessment	August 2015
	Consolidation of Burrowing Owl Studies	November 2015
	Consolidation of Desert Tortoise Studies	November 2015
	Consolidation of Incidental Sensitive-Species Observations	October 2015
	Consolidation of Listed Riparian Bird Studies	October 2015
	Consolidation of Mohave Ground Squirrel Studies	November 2015
	Consolidation of Special-Status Plant Studies	October 2015
	Consolidation of Vegetation Community Studies	November 2015
	Federal Jurisdictional Delineation	August 2015
	HDC Preliminary Wildlife Corridor Evaluation	September 2011
	HDC Final Wildlife Corridor Evaluation	August 2012
	Natural Environment Study	June 2016
	Southwestern Willow Flycatcher, Yellow-billed Cuckoo, and Least Bell's Vireo Surveys for the High Desert Corridor Project Los Angeles and San Bernardino Counties, California	August 2015
	State Jurisdictional Delineation	November 2015